

After

ENGINE ROOM LOG

GEARED TURBINE DRIVE



USNS Gen JOHN Pope T-AF 110

INSTRUCTIONS

1. The entries in this book will be made neatly and legibly by the engineer or other person directly in charge of the machinery of the vessel, and with pen and ink or indelible pencil. No erasures nor the removal of any leaves will be permitted. Incorrect entries may be changed by drawing a single line through same with ink or indelible pencil and writing in the correct data, followed by the initials of the person making the change. The greatest care shall be used in keeping the log book to insure absolute accuracy in all particulars.

2. All entries of time shall be made on the 24-hour basis, noon to noon.

3. Under the heading "Remarks" a careful, detailed record of the events occurring daily in the engine department shall be entered in the log book, together with notation of any violation of orders or regulations. Remarks should be preceded by the time when pertaining to important tests, casualties, injuries, etc.

4. Entries regarding the following shall also be made when occurring:

(a) Repairs, cleaning, and painting, including machinery outside the engine spaces.

(b) Faulty or erratic operation or failure of machinery.

(c) Any important changes in machinery of any nature, or additions thereto.

(d) Remetalling of bearings; fitting new piston rings; reboring cylinders; renewing pump parts, metallic packing, important valves, propeller, shafting, stern bearing, zinc protection bars and rings outboard, strainers, etc.; data to show in all cases exactly what parts have been attended to or repaired, material or article used and reasons.

(e) Pumping of bilges.

(f) Blowing of tubes.

(g) Examining holding down bolts.

(h) Fuel and water taken aboard. The fuel account shall be carefully kept and the quantity consumed each day accurately ascertained.

(i) Grade and quality of fuel oil and lubricating oil used; also type of filtering and cleaning elements installed in both fuel and lube oil lines; results obtained from use thereof.

(j) Record of special tests ordered made.

(k) Defects in supplies received.

(l) Derelictions or deficiencies developed on the part of any member of the engine department.

5. In twin screw vessels when both engines are in the same engine space, alternate pages will be used for recording the readings from the starboard machinery, the other pages being used for the port machinery. In such cases, each sheet of the log book will bear the notation either "Port Machinery" or "Starboard Machinery." In the event that the machinery for each propeller is in a separate engine room, two books shall be utilized and each page of each such book shall be properly marked to indicate to which engine room it applies. For such ships, in addition to individual fuel, water, and lube oil summaries, the sheets covering the control engine room shall carry a consolidated figure reflecting the status of these materials for both machinery spaces.

6. The log books shall be retained on board unless required temporarily by the administrative commander and destroyed when three years old.

| | | WATCH | | | | | | | | WATCH | | | | | | TYPE OF VESSEL | | DATE | |
|--|-------------------------------|-------------------------------|--------------------|---------------------------|--------------------|----------------------------|--------------------|-----------------------------|---------------------------|----------------------------------|--------------------|-----------------------|--------------------|----------------------------|--------------------|--|----------------------------|---------|--|
| | | 1200 TO 1600 | 1600 TO 2000 | 2000 TO 2400 | 2400 TO 0400 | 0400 TO 0800 | 0800 TO 1200 | | | 1200 TO 1600 | 1600 TO 2000 | 2000 TO 2400 | 2400 TO 0400 | 0400 TO 0800 | 0800 TO 1200 | | | | |
| RUNNING TIME | | | | | | | | | | | | | | | | | | | |
| DETENTION TIME | | | | | | | | | | | | | | | | | | | |
| REVOLUTION COUNTER (END OF WATCH) | | | | | | | | | | | | | | | | | | | |
| TOTAL REVOLUTIONS (FOR WATCH) | | | | | | | | | | | | | | | | | | | |
| AVERAGE RPM | | | | | | | | | | | | | | | | | | | |
| F.O. METER (END OF WATCH) | | | | | | | | | | | | | | | | | | | |
| F.O. CONSUMED | | | | | | | | | | | | | | | | | | | |
| PRESSURES | | THROTTLE | | | | | | | | | | | | | | | | | |
| | | H.P. AHEAD | | | | | | | | | | | | | | | | | |
| | | L.P. AHEAD | | | | | | | | | | | | | | | | | |
| | | VACUUM | | | | | | | | | | | | | | | | | |
| | | L.O. TO TURBINES | | | | | | | | | | | | | | | | | |
| | | AUX. STEAM | | | | | | | | | | | | | | | | | |
| | | BACK PRESSURE | | | | | | | | | | | | | | | | | |
| | | GLAND STEAM | | | | | | | | | | | | | | | | | |
| | | H.P. BLEEDER | | | | | | | | | | | | | | | | | |
| | | I.P. BLEEDER | | | | | | | | | | | | | | | | | |
| TEMPERATURES | | L.P. BLEEDER | | | | | | | | | | | | | | | | | |
| | | STEAM AT THROTTLE | | | | | | | | | | | | | | | | | |
| | | L.P. EXHAUST | | | | | | | | | | | | | | | | | |
| | | CONDENSATE | | | | | | | | | | | | | | | | | |
| | | CIRC. WATER IN | | | | | | | | | | | | | | | | | |
| | | CIRC. WATER OUT | | | | | | | | | | | | | | | | | |
| | | L.O. TO COOLERS | | | | | | | | | | | | | | | | | |
| | | L.O. FROM COOLERS | | | | | | | | | | | | | | | | | |
| | | TEMPERATURE THRUST BEARING | | | | | | | | | | | | | | | | | |
| | | FORWARD H.P. ROTOR BEARING | | | | | | | | | | | | | | | | | |
| GENERATORS | | | | | | | | | | FUEL - WATER AND LUBE OIL | | | | | | | | | |
| WATCH | GENERATOR NUMBER | R.P.M. | STEAM PRESSURE | STEAM TEMP. | L.O. PRESSURE | L.O. TO COOLER | L.O. FROM COOLER | TEMP. OF HOTTEST BEARING | L.O. GOVERNOR PRESSURE | AMPS POSITIVE | AMPS NEGATIVE | VOLTS | FUEL OIL | | BOILER WATER | | ON HAND AT START OF DAY | | |
| | 1200 TO 1600 | | | | | | | | | | | | | | | | METER AT NOON | 156.110 | |
| 1600 TO 2000 | | METER PREVIOUS NOON | 156.110 | CONSUMED BY METER | | ON HAND AT START OF DAY | 173.7 | RECEIVED DURING DAY | | EXPENDED DURING DAY | 44 | REMAINING ON BOARD | 153.1 | ON HAND AT START OF DAY | 153.1 | CONSUMED ON HAND AT START OF DAY | 153.1 | | |
| | | ON HAND | | ON HAND | | ON HAND | | RECEIVED | | RECEIVED | | ON HAND | | ON HAND | | ON HAND | | | |
| 2000 TO 2400 | | DOMESTIC WATER | | EVAPORATED OR RECEIVED | | ON HAND AT START OF DAY | 173.7 | ON HAND | | ON HAND | 44 | ON BOARD | 153.1 | DOMESTIC WATER | | DOMESTIC WATER | | | |
| | | CONSUMED | | EVAPORATED OR RECEIVED | | EVAPORATED OR RECEIVED | 153.1 | ON HAND | | ON HAND | 153.1 | ON BOARD | 153.1 | CONSUMED | | CONSUMED | | | |
| LOW PRESS. EVAPORATORS (No. of hrs. operated) (Fresh water made gals.) | | | | | | | | | | L.O. CENTRIFUGE - HOURS OPERATED | | | | | | | | | |
| 2400 TO 4000 | 1200 TO 1600 | 1600 TO 2000 | 2000 TO 2400 | 2400 TO 0400 | 0400 TO 0800 | 0800 TO 1200 | 1200 TO 1600 | 1600 TO 2000 | 2000 TO 2400 | 2400 TO 0400 | 0400 TO 0800 | 0800 TO 1200 | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | SUMMARY | | | | | | | | | |
| 0400 TO 0800 | RUNNING TIME | | | | | | PERCENT OF SLIP | | | | | | | | | | | | |
| | DETENTION TIME | | | | | | BBL FUEL/MI | | | | | | | | | | | | |
| | TOTAL REVOLUTIONS | | | | | | WIND DIRECTION | | | | | | | | | | | | |
| | AVERAGE R.P.M. | | | | | | STATE OF SEA | | | | | | | | | | | | |
| | TOTAL MILES BY ENGINE | | | | | | STATE OF WEATHER | | | | | | | | | | | | |
| | TOTAL MILES BY OBSERVATION | | | | | | | | | | | | | | | | | | |

REMARKS

1200-1600 WATCH

Plant Secured

1600-2000 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

P. L. Werner

2000-2400 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Clyde Wilson Jr.

2400-0400 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Clyde Wilson Jr.

0400-0800 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

J. Scholzine R/T

0800-1200 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

J. Scholzine R/T

CHIEF ENGINEER

| | |
|------------------------|-------------|
| F.S. | BLRS. # 4 |
| P.A.LK. | |
| T.A.LK. | |
| CHL. | |
| PHOS. | |
| P.H. Cond. | |
| P.H.-D.C. | |
| <u>CHEMICALS ADDED</u> | |
| ADJ. | |
| G.C. | |
| A.R.C | |
| <u>STEAMING HOURS</u> | |
| F.S. | 542 - 000 |
| W.S. | 2052 - 2108 |

WATCH ENGR'S SIGNATURE-

Joe M. Chayez 3rd

CHIEF ENGR'S SIGNATURE-

M. J. Thompson

| USNS [Signature] 1964 | | | | VOYAGE NO. | FROM | TO | TYPE OF VESSEL | | DATE | | | |
|---|---------------------|--------|----------------|-------------|-----------------------------------|----------------------------|------------------|-----------------------------|---------------------------|---------------|---------------|-------|
| | | | | 18-17 | Hammond, Indiana | 18-18 | 18-18 | 18-18 | 18-18 | 1/27-28/68 | | |
| WATCH | | | | | | | | | | | | |
| 1200 | | 1600 | | 2000 | | 2400 | | 0400 | | 0800 | | |
| TO | | TO | | TO | | TO | | TO | | TO | | |
| 1600 | | 2000 | | 2400 | | 0400 | | 0800 | | 1200 | | |
| RUNNING TIME | | | | | | | | | | | | |
| DETENTION TIME | | | | | | | | | | | | |
| REVOLUTION COUNTER (END OF WATCH) | | | | | | | | | | | | |
| TOTAL REVOLUTIONS (FOR WATCH) | | | | | | | | | | | | |
| AVERAGE RPM | | | | | | | | | | | | |
| F.O. METER (END OF WATCH) | | | | | | | | | | | | |
| F.O. CONSUMED | | | | | | | | | | | | |
| MACHINERY PARTICULARS | | | | | | | | | | | | |
| PRESSURES | | | | | MACHINERY PARTICULARS (CONT'D) | | | | | | | |
| THROTTLE | | | | | AFT. H. P. ROTOR BEARING | | | | | | | |
| H.P. AHEAD | | | | | FORWARD L. P. ROTOR BEARING | | | | | | | |
| L.P. AHEAD | | | | | AFT. L. P. ROTOR BEARING | | | | | | | |
| VACUUM | | | | | HOTTEST GEAR BEARING FORWARD | | | | | | | |
| L.O. TO TURBINES | | | | | HOTTEST GEAR BEARING AFT | | | | | | | |
| AUX. STEAM | | | | | AUX. COND. CONDENSATE | | | | | | | |
| BACK PRESSURE | | | | | 1ST STAGE FEED WATER HEATER | | | | | | | |
| GLAND STEAM | | | | | D. C. FEED WATER HEATER | | | | | | | |
| H.P. BLEEDER | | | | | 3RD STAGE FEED WATER HEATER | | | | | | | |
| I.P. BLEEDER | | | | | F.O. TO BURNERS | | | | | | | |
| L.P. BLEEDER | | | | | F. O. BACK PRESSURE | | | | | | | |
| TEMPERATURES | | | | | AIR TO FURNACE | | | | | | | |
| STEAM AT THROTTLE | | | | | UPTAKE | | | | | | | |
| L.P. EXHAUST | | | | | MAIN STEAM | | | | | | | |
| CONDENSATE | | | | | SUPER HEAT | | | | | | | |
| CIRC. WATER IN | | | | | F.O. TO BURNERS | | | | | | | |
| CIRC. WATER OUT | | | | | F.O. TEMP. IN SETTLING TANKS | | | | | | | |
| L.O. TO COOLERS | | | | | PORT BOILER UPTAKE | | | | | | | |
| L.O. FROM COOLERS | | | | | STBD. BOILER UPTAKE | | | | | | | |
| TEMPERATURE THRUST BEARING | | | | | ENGINE ROOM TEMPERATURE | | | | | | | |
| FORWARD H.P. ROTOR BEARING | | | | | FIRE ROOM TEMPERATURE | | | | | | | |
| MISCELLANEOUS | | | | | | | | | | | | |
| TEMPERATURES | | | | | NOZZLES IN USE | | | | | | | |
| STEAM AT THROTTLE | | | | | NO. OF BURNERS IN USE | | | | | | | |
| L.P. EXHAUST | | | | | BURNER TIP SIZE | | | | | | | |
| CONDENSATE | | | | | CO ₂ % PORT BOILER | | | | | | | |
| CIRC. WATER IN | | | | | CO ₂ % STBD. BOILER | | | | | | | |
| CIRC. WATER OUT | | | | | OIL LEVEL MAIN SUMP | | | | | | | |
| GENERATORS | | | | | | | | | | | | |
| #WATCH | GENERATOR NUMBER | R.P.M. | STEAM PRESSURE | STEAM TEMP. | L.O. PRESSURE | L.O. TO COOLER | L.O. FROM COOLER | TEMP. OF HOTTEST BEARING | L.O. GOVERNOR PRESSURE | AMPS POSITIVE | AMPS NEGATIVE | VOLTS |
| 1200 | | | | | | | | | | | | |
| TO | | | | | | | | | | | | |
| 1600 | | | | | | | | | | | | |
| FUEL - WATER AND LUBE OIL | | | | | | | | | | | | |
| FUEL OIL | | | | | | | | | | | | |
| METER AT NOON | | | | | BOILER WATER | ON HAND AT START OF DAY | | | | | | |
| METER PREVIOUS NOON | 1507310 | | | | BOILER WATER | EVAPORATED OR RECEIVED | | | | | | |
| CONSUMED BY METER | | | | | BOILER WATER | ON HAND | | | | | | |
| ON HAND AT START OF DAY | 1507311 | | | | BOILER WATER | CONSUMED | | | | | | |
| RECEIVED DURING DAY | | | | | BOILER WATER | ON HAND AT START OF DAY | | | | | | |
| EXPENDED DURING DAY | 150 | | | | BOILER WATER | RECEIVED | | | | | | |
| REMAINING ON BOARD | 14791 | | | | BOILER WATER | ON HAND | | | | | | |
| ON HAND AT START OF DAY | 365 | | | | BOILER WATER | CONSUMED | | | | | | |
| DOMESTIC WATER | | | | | | | | | | | | |
| EVAPORATED OR RECEIVED | | | | | LUBE OIL | LUBE OIL | | | | | | |
| ON HAND | 303 | | | | LUBE OIL | ON HAND | | | | | | |
| CONSUMED | 10 | | | | LUBE OIL | CONSUMED | | | | | | |
| LOW PRESS. EVAPORATORS (No. of hrs. operated) (Fresh water made gal.) | | | | | | | | | | | | |
| L.O. CENTRIFUGE - HOURS OPERATED | | | | | | | | | | | | |
| 1200 | 1600 | 2000 | 2400 | 0400 | 0800 | | | | | | | |
| TO | TO | TO | TO | TO | TO | | | | | | | |
| 1600 | 2000 | 2400 | 0400 | 0800 | 1200 | | | | | | | |
| SUMMARY | | | | | | | | | | | | |
| RUNNING TIME | | | | | | | | | | | | |
| DETENTION TIME | | | | | | | | | | | | |
| TOTAL REVOLUTIONS | | | | | | | | | | | | |
| AVERAGE R.P.M. | | | | | | | | | | | | |
| TOTAL MILES BY ENGINE | | | | | | | | | | | | |
| TOTAL MILES BY OBSERVATION | | | | | | | | | | | | |
| PERCENT OF SLIP | | | | | | | | | | | | |
| BBL FUEL/MI | | | | | | | | | | | | |
| WIND DIRECTION | | | | | | | | | | | | |
| STATE OF SEA | | | | | | | | | | | | |
| STATE OF WEATHER | | | | | | | | | | | | |

REMARKS

1200-1600 WATCH

Plant Secured

1600-2000 WATCH

WATCH ENGR'S SIGNATURE-

Joe McNamee, 31A

Plant Secured

2000-2400 WATCH

WATCH ENGR'S SIGNATURE-

Eustis Wilson R/F

Plant Secured

2400-0400 WATCH

WATCH ENGR'S SIGNATURE-

Eustis Wilson R/F

Plant Secured

0400-0800 WATCH

WATCH ENGR'S SIGNATURE-

J. Schetinin R/F

Plant Secured

0800-1200 WATCH

WATCH ENGR'S SIGNATURE-

J. Schetinin R/F

Plant Secured

CHIEF ENGINEER

| | |
|----|------------|
| 13 | BLRS. # 4 |
| | PAIK |
| | TALK. |
| | CHL. |
| | PHOS. |
| | P.H. Cond. |
| | P.H.-D.C. |

CHEMICALS ADDED

| | |
|--------|--|
| ADJ. | |
| G.C. | |
| A.R.C. | |

STEAMING HOURS

| | | |
|------|-----------|--|
| 842 | F.S. 000 | |
| 2052 | W.S. 2108 | |

WATCH ENGR'S SIGNATURE-

Joe McNamee 31A

CHIEF ENGR'S SIGNATURE-

J. Schetinin R/F

| USNS <i>Levi Johnson</i> 1965 | | | VOYAGE NO. | FROM | TO | TYPE OF VESSEL | | DATE | | | | | | | | | | |
|--|-------------------------------|--------|--------------------|-----------------------------------|--------------------|--------------------|-----------------------------|---------------------------|---------------------------|---------------------------------|----------------------------|--------------------|----------------------------|----------------------------|--------------------|--------------------|--------------------|--|
| | | | 13-17 | Newton, Jan 8, 1965 | | | 12-13-14 | | 8/28-9/65 | | | | | | | | | |
| | | | WATCH | | | | | | WATCH | | | | | | | | | |
| | | | 1200 TO 1600 | 1600 TO 2000 | 2000 TO 2400 | 2400 TO 0400 | 0400 TO 0800 | 0800 TO 1200 | | | | 1200 TO 1600 | 1600 TO 2000 | 2000 TO 2400 | 2400 TO 0400 | 0400 TO 0800 | 0800 TO 1200 | |
| RUNNING TIME | | | | | | | | | | | | | | | | | | |
| DETENTION TIME | | | | | | | | | | | | | | | | | | |
| REVOLUTION COUNTER (END OF WATCH) | | | | | | | | | | | | | | | | | | |
| TOTAL REVOLUTIONS (FOR WATCH) | | | | | | | | | | | | | | | | | | |
| AVERAGE RPM | | | | | | | | | | | | | | | | | | |
| F.O. METER (END OF WATCH) | | | | | | | | | | | | | | | | | | |
| F.O. CONSUMED | | | | | | | | | | | | | | | | | | |
| MACHINERY PARTICULARS | PRESSURES | | | THROTTLE | | | | | | MACHINERY PARTICULARS (CONT'D) | | | TEMPERATURES (CONT'D) | | | | | |
| | H.P. AHEAD | | | | | | | | | AFT. H. P. ROTOR BEARING | | | | | | | | |
| | L.P. AHEAD | | | | | | | | | FORWARD L. P. ROTOR BEARING | | | | | | | | |
| | VACUUM | | | | | | | | | AFT. L.P. ROTOR BEARING | | | | | | | | |
| | L.O. TO TURBINES | | | | | | | | | HOTTEST GEAR BEARING FORWARD | | | | | | | | |
| | AUX. STEAM | | | | | | | | | HOTTEST GEAR BEARING AFT | | | | | | | | |
| | BACK PRESSURE | | | | | | | | | AUX. COND. CONDENSATE | | | | | | | | |
| | GLAND STEAM | | | | | | | | | 1ST STAGE FEED WATER HEATER | | | | | | | | |
| | H.P. BLEEDER | | | | | | | | | D. C. FEED WATER HEATER | | | | | | | | |
| | I.P. BLEEDER | | | | | | | | | 3RD STAGE FEED WATER HEATER | | | | | | | | |
| TEMPERATURES | PRESSURES | | | STEAM AT THROTTLE | | | | | | F.O. TO BURNERS | | | | | | | | |
| | L.P. EXHAUST | | | | | | | | | F. O. BACK PRESSURE | | | | | | | | |
| | CONDENSATE | | | | | | | | | AIR TO FURNACE | | | | | | | | |
| | CIRC. WATER IN | | | | | | | | | UPTAKE | | | | | | | | |
| | CIRC. WATER OUT | | | | | | | | | MAIN STEAM | | | | | | | | |
| | L.O. TO COOLERS | | | | | | | | | SUPER HEAT | | | | | | | | |
| | L.O. FROM COOLERS | | | | | | | | | F.O. TO BURNERS | | | | | | | | |
| | TEMPERATURE THRUST BEARING | | | | | | | | | F.O. TEMP. IN SETTLING TANKS | | | | | | | | |
| | FORWARD H.P. ROTOR BEARING | | | | | | | | | PORT BOILER UPTAKE | | | | | | | | |
| | | | | | | | | | | STBD. BOILER UPTAKE | | | | | | | | |
| MISCELLANEOUS | PRESSURES | | | ENGINE ROOM TEMPERATURE | | | | | | BOILER PARTI CULARS | | | TEMPERATURES | | | | | |
| | CONDENSATE | | | FIRE ROOM TEMPERATURE | | | | | | TEMPERATURES | | | TEMPERATURES | | | | | |
| | CIRC. WATER IN | | | NOZZLES IN USE | | | | | | TEMPERATURE | | | TEMPERATURE | | | | | |
| | CIRC. WATER OUT | | | NO. OF BURNERS IN USE | | | | | | TEMPERATURE | | | TEMPERATURE | | | | | |
| | L.O. TO COOLERS | | | BURNER TIP SIZE | | | | | | TEMPERATURE | | | TEMPERATURE | | | | | |
| | L.O. FROM COOLERS | | | CO ₂ % PORT BOILER | | | | | | TEMPERATURE | | | TEMPERATURE | | | | | |
| | TEMPERATURE THRUST BEARING | | | CO ₂ % STBD. BOILER | | | | | | TEMPERATURE | | | TEMPERATURE | | | | | |
| | FORWARD H.P. ROTOR BEARING | | | OIL LEVEL MAIN SUMP | | | | | | TEMPERATURE | | | TEMPERATURE | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| GENERATORS | | | | | | | | | FUEL - WATER AND LUBE OIL | | | | | | | | | |
| WATCH | GENERATOR NUMBER | R.P.M. | STEAM PRESSURE | STEAM TEMP. | L.O. PRESSURE | L.O. TO COOLER | TEMP. OF HOTTEST BEARING | L.O. GOVERNOR PRESSURE | AMPS POSITIVE | AMPS NEGATIVE | VOLTS | FUEL OIL | BOILER WATER | ON HAND AT START OF DAY | 350 | | | |
| | 1200 | | | | | | | | | | | METER AT NOON | | EVAPORATED OR RECEIVED | --- | | | |
| TO | | | | | | | | | | | METER PREVIOUS NOON | 15675310 | ON HAND | 350 | | | | |
| 1600 | | | | | | | | | | | CONSUMED BY METER | | CONSUMED | --- | | | | |
| | | | | | | | | | | | ON HAND AT START OF DAY | 14791 | ON HAND AT START OF DAY | 1571 | | | | |
| | | | | | | | | | | | RECEIVED DURING DAY | --- | RECEIVED | --- | | | | |
| | | | | | | | | | | | EXPENDED DURING DAY | 5.2 | ON HAND | 1571 | | | | |
| | | | | | | | | | | | REMAINING ON BOARD | 14737 | ON HAND | 1571 | | | | |
| | | | | | | | | | | | ON HAND AT START OF DAY | 355 | CONSUMED | --- | | | | |
| | | | | | | | | | | | DOMESTIC WATER | | LUBE OIL | 2.0 | | | | |
| | | | | | | | | | | | EVAPORATED OR RECEIVED | --- | ON HAND | 1878 | | | | |
| | | | | | | | | | | | ON HAND | 365 | | --- | | | | |
| | | | | | | | | | | | CONSUMED | 47 | | --- | | | | |
| LOW PRESS. EVAPORATORS (No. of hrs. operated) (Fresh water made gals.) | | | | | | | | | | | | | | | | | | |
| L.O. CENTRIFUGE - HOURS OPERATED | | | | | | | | | | | | | | | | | | |
| 1200 | | | | | | | | | | | | 1200 | 1600 | 2000 | 2400 | 0400 | 0800 | |
| TO | | | | | | | | | | | | TO | TO | TO | TO | TO | TO | |
| 1600 | | | | | | | | | | | | 1600 | 2000 | 2400 | 0400 | 0800 | 1200 | |
| | | | | | | | | | | | | | | | | | | |
| SUMMARY | | | | | | | | | | | | | | | | | | |
| RUNNING TIME | | | | | | | | | | | | PERCENT OF SLIP | | | | | | |
| DETENTION TIME | | | | | | | | | | | | BBL FUEL/MI | | | | | | |
| TOTAL REVOLUTIONS | | | | | | | | | | | | WIND DIRECTION | | | | | | |
| AVERAGE R.P.M. | | | | | | | | | | | | STATE OF SEA | | | | | | |
| TOTAL MILES BY ENGINE | | | | | | | | | | | | STATE OF WEATHER | | | | | | |
| TOTAL MILES BY OBSERVATION | | | | | | | | | | | | | | | | | | |

REMARKS

1200-1600 WATCH

Plant secured

1600-2000 WATCH

Plant secured

2000-2400 WATCH

Plant secured

2400-0400 WATCH

Plant secured

0400-0800 WATCH

Plant secured

0800-1200 WATCH

Plant secured

CHIEF ENGINEER

| | | |
|-----------------|----------|----|
| 73 | BLRS. | 74 |
| PALK | | |
| TALK. | | |
| CHL. | | |
| PHOS. | | |
| P.H. Cond. | | |
| P.H.-D.C. | | |
| CHEMICALS ADDED | | |
| ADJ. | | |
| G.C. | | |
| A.R.C | | |
| STEAMING HOURS | | |
| 842 | F.S. 000 | |
| 2052 | W.S. 208 | |

WATCH ENGR'S SIGNATURE-

Jae m. lehane 3/77

WATCH ENGR'S SIGNATURE-

Clyde Wilson 3/6

WATCH ENGR'S SIGNATURE-

Clyde Wilson 3/6

WATCH ENGR'S SIGNATURE-

J. Schleicher R/E

WATCH ENGR'S SIGNATURE-

J. Schleicher R/E

WATCH ENGR'S SIGNATURE-

Jae m. lehane 3/77

CHIEF ENGR'S SIGNATURE-

Jae m. lehane 3/77

| USNS <i>Gloucester</i> Line | | VOYAGE NO. | FROM | WATCH | | | | | | TO | | | | | | TYPE OF VESSEL | | DATE | | | |
|--------------------------------------|---|------------|------|-------|------|------|------|------|------|------|------|------|------|------|------|----------------|------|------|------|------|------|
| | | 1200 | 1500 | 2000 | 2400 | 0400 | 0800 | 1200 | 1200 | 1600 | 2000 | 2400 | 0400 | 0800 | 1200 | 1200 | 1600 | 2000 | 2400 | 0400 | 0800 |
| RUNNING TIME | | | | | | | | | | | | | | | | | | | | | |
| DETENTION TIME | | | | | | | | | | | | | | | | | | | | | |
| REVOLUTION COUNTER (END OF WATCH) | | | | | | | | | | | | | | | | | | | | | |
| TOTAL REVOLUTIONS (FOR WATCH) | | | | | | | | | | | | | | | | | | | | | |
| AVERAGE RPM | | | | | | | | | | | | | | | | | | | | | |
| F.O. METER (END OF WATCH) | | | | | | | | | | | | | | | | | | | | | |
| F.O. CONSUMED | | | | | | | | | | | | | | | | | | | | | |
| PRESSURES | THROTTLE | | | | | | | | | | | | | | | | | | | | |
| | H.P. AHEAD | | | | | | | | | | | | | | | | | | | | |
| | L.P. AHEAD | | | | | | | | | | | | | | | | | | | | |
| | VACUUM | | | | | | | | | | | | | | | | | | | | |
| | L.O. TO TURBINES | | | | | | | | | | | | | | | | | | | | |
| | AUX. STEAM | | | | | | | | | | | | | | | | | | | | |
| | BACK PRESSURE | | | | | | | | | | | | | | | | | | | | |
| | GLAND STEAM | | | | | | | | | | | | | | | | | | | | |
| | H.P. BLEEDER | | | | | | | | | | | | | | | | | | | | |
| | I.P. BLEEDER | | | | | | | | | | | | | | | | | | | | |
| | L.P. BLEEDER | | | | | | | | | | | | | | | | | | | | |
| TEMPERATURES | STEAM AT THROTTLE | | | | | | | | | | | | | | | | | | | | |
| | L.P. EXHAUST | | | | | | | | | | | | | | | | | | | | |
| | CONDENSATE | | | | | | | | | | | | | | | | | | | | |
| | CIRC. WATER IN | | | | | | | | | | | | | | | | | | | | |
| | CIRC. WATER OUT | | | | | | | | | | | | | | | | | | | | |
| | L.O. TO COOLERS | | | | | | | | | | | | | | | | | | | | |
| | L.O. FROM COOLERS | | | | | | | | | | | | | | | | | | | | |
| | TEMP. THRUST BEARING | | | | | | | | | | | | | | | | | | | | |
| | L.O. GOVERNOR PRESSURE | | | | | | | | | | | | | | | | | | | | |
| | AMPS POSITIVE | | | | | | | | | | | | | | | | | | | | |
| MACHINERY PARTICULARS | AMPS NEGATIVE | | | | | | | | | | | | | | | | | | | | |
| | VOLTS | | | | | | | | | | | | | | | | | | | | |
| | TEMPERATURES (CONT'D) | | | | | | | | | | | | | | | | | | | | |
| | AFT. H. P. ROTOR BEARING | | | | | | | | | | | | | | | | | | | | |
| | FORWARD L. P. ROTOR BEARING | | | | | | | | | | | | | | | | | | | | |
| | AFT. L. P. ROTOR BEARING | | | | | | | | | | | | | | | | | | | | |
| | HOTTEST GEAR BEARING FORWARD | | | | | | | | | | | | | | | | | | | | |
| | HOTTEST GEAR BEARING AFT | | | | | | | | | | | | | | | | | | | | |
| | AUX. COND. CONDENSATE | | | | | | | | | | | | | | | | | | | | |
| | 1ST STAGE FEED WATER HEATER | | | | | | | | | | | | | | | | | | | | |
| PRESSURES (CONT'D) | D. C. FEED WATER HEATER | | | | | | | | | | | | | | | | | | | | |
| | 3RD STAGE FEED WATER HEATER | | | | | | | | | | | | | | | | | | | | |
| | F.O. TO BURNERS | | | | | | | | | | | | | | | | | | | | |
| | F. O. BACK PRESSURE | | | | | | | | | | | | | | | | | | | | |
| | AIR TO FURNACE | | | | | | | | | | | | | | | | | | | | |
| | UPTAKE | | | | | | | | | | | | | | | | | | | | |
| | MAIN STEAM | | | | | | | | | | | | | | | | | | | | |
| | SUPER HEAT | | | | | | | | | | | | | | | | | | | | |
| | F.O. TO BURNERS | | | | | | | | | | | | | | | | | | | | |
| | F.O. TEMP. IN SETTLING TANKS | | | | | | | | | | | | | | | | | | | | |
| TEMPERATURES | PORT BOILER UPTAKE | | | | | | | | | | | | | | | | | | | | |
| | STBD. BOILER UPTAKE | | | | | | | | | | | | | | | | | | | | |
| | ENGINE ROOM TEMPERATURE | | | | | | | | | | | | | | | | | | | | |
| | FIRE ROOM TEMPERATURE | | | | | | | | | | | | | | | | | | | | |
| | NOZZLES IN USE | | | | | | | | | | | | | | | | | | | | |
| | NO. OF BURNERS IN USE | | | | | | | | | | | | | | | | | | | | |
| | BURNER TIP SIZE | | | | | | | | | | | | | | | | | | | | |
| | CO ₂ % PORT BOILER | | | | | | | | | | | | | | | | | | | | |
| | CO ₂ % STBD. BOILER | | | | | | | | | | | | | | | | | | | | |
| | DOMESTIC WATER LEVEL MAIN SUMP | | | | | | | | | | | | | | | | | | | | |
| MISCELLANEOUS | LOW PRESS. EVAPORATORS (No. of hrs. operated) (Fresh water made gals.) | | | | | | | | | | | | | | | | | | | | |
| | FUEL - WATER AND LUBE DIL | | | | | | | | | | | | | | | | | | | | |
| | METER AT NOON | | | | | | | | | | | | | | | | | | | | |
| | METER PREVIOUS NOON | 156.7550 | | | | | | | | | | | | | | | | | | | |
| | CONSUMED BY METER | | | | | | | | | | | | | | | | | | | | |
| | ON HAND AT START OF DAY | 157.3 | | | | | | | | | | | | | | | | | | | |
| | RECEIVED DURING DAY | | | | | | | | | | | | | | | | | | | | |
| | EXPENDED DURING DAY | | | | | | | | | | | | | | | | | | | | |
| | REMAINING ON BOARD | 156.7 | | | | | | | | | | | | | | | | | | | |
| | ON HAND AT START OF DAY | 156.7 | | | | | | | | | | | | | | | | | | | |
| GENERATORS | DOMESTIC WATER LEVEL MAIN SUMP | | | | | | | | | | | | | | | | | | | | |
| | FUEL OIL LEVEL | | | | | | | | | | | | | | | | | | | | |
| | BOILER WATER LEVEL | | | | | | | | | | | | | | | | | | | | |
| | ON HAND AT START OF DAY | 157.3 | | | | | | | | | | | | | | | | | | | |
| | RECEIVED | | | | | | | | | | | | | | | | | | | | |

REMARKS

1200-1600 WATCH

Plant Secured

1600-2000 WATCH

Plant Secured

2000-2400 WATCH

Plant Secured

2400-0400 WATCH

Plant Secured

0400-0800 WATCH

Plant Secured

0800-1200 WATCH

Plant Secured

CHIEF ENGINEER

| | | |
|-----------------|------------|----|
| #3 | BLRS. | #4 |
| | PALK. | |
| | TALK. | |
| | CHL. | |
| | PHOS. | |
| | P.H. Cond. | |
| | P.H.-D.C. | |
| CHEMICALS ADDED | | |
| | ADJ. | |
| | G.C. | |
| | A.R.C | |
| STEAMING HOURS | | |
| 842 | F.S. 000 | |
| 2052 | W.S. 2108 | |

WATCH ENGR'S SIGNATURE-

Joseph M. Branney 3/17

WATCH ENGR'S SIGNATURE-

Clyde Wilson 3/17

WATCH ENGR'S SIGNATURE-

Clyde Wilson 3/17

WATCH ENGR'S SIGNATURE-

J. Schetinin 3/17

WATCH ENGR'S SIGNATURE-

J. Schetinin 3/17

WATCH ENGR'S SIGNATURE-

Joseph M. Branney 3/17

CHIEF ENGR'S SIGNATURE-

Joseph M. Branney 3/17

REMARKS

1200-1600 WATCH

Plant scanned

WATCH ENGR'S SIGNATURE-

J. M. Schaefer, 3/A.

1600-2000 WATCH

Plant scanned

WATCH ENGR'S SIGNATURE-

Clyde Wilson, P.E.

2000-2400 WATCH

Plant scanned

WATCH ENGR'S SIGNATURE-

Clyde Wilson, P.E.

2400-0400 WATCH

Plant scanned

WATCH ENGR'S SIGNATURE-

J. Schaefer, R.E.

0400-0800 WATCH

Plant scanned

WATCH ENGR'S SIGNATURE-

J. Schaefer, R.E.

0800-1200 WATCH

Plant scanned

WATCH ENGR'S SIGNATURE-

J. Schaefer, R.E.

CHIEF ENGINEER

| | | |
|-----------------|------------|----|
| 73 | BLRS. | 74 |
| | PALK | |
| | TALK | |
| | CHL. | |
| | PHOS. | |
| | P.H. Cond. | |
| | P.H.-D.C. | |
| CHEMICALS ADDED | | |
| | ADJ. | |
| | G.C. | |
| | A.R.C. | |
| STEAMING HOURS | | |
| 242 | F.S. 000 | |
| 2082 | W.S. 2108 | |

CHIEF ENGR'S SIGNATURE-

J. Schaefer, R.E.

REMARKS

1200-1600 WATCH

Plant Secured

1600-2000 WATCH

Plant Secured

2000-2400 WATCH

Plant Secured

2400-0400 WATCH

Plant Secured

0400-0800 WATCH

Plant Secured

0800-1200 WATCH

Plant Secured

CHIEF ENGINEER

| | | |
|-----------------|------------|-----|
| # 3 | BLRS. | # 4 |
| | P.A.LK. | |
| | T.A.LK. | |
| | C.H.L. | |
| | PHOS. | |
| | P.H. Cond. | |
| | P.H. D.C. | |
| CHEMICALS ADDED | | |
| | ADJ. | |
| | G.C. | |
| | A.R.C | |
| STEAMING HOURS | | |
| 842 | F.S. 000 | |
| 2052 | W.S. 2108 | |

CHIEF ENGR'S SIGNATURE - J. T. Chamberlain

WATCH ENGR'S SIGNATURE - J. Schelzien R/T

WATCH ENGR'S SIGNATURE - J. Schelzien R/T

WATCH ENGR'S SIGNATURE - J. Schelzien R/T

| USNS <i>John Paul Jones</i> | | VOYAGE NO. | FROM <i>Seattle, Wash. 9/1/21</i> | TO | TYPE OF VESSEL | | DATE <i>9/1-2</i> |
|--------------------------------------|-------------------------------|--------------------------------|-----------------------------------|--------------------|-----------------------------------|--------------------|--------------------|
| | | WATCH | | | | | |
| | | 1200 TO 1600 | 1600 TO 2000 | 2000 TO 2400 | 2400 TO 0400 | 0400 TO 0800 | 0800 TO 1200 |
| RUNNING TIME | | | | | | | |
| DETENTION TIME | | | | | | | |
| REVOLUTION COUNTER (END OF WATCH) | | | | | | | |
| TOTAL REVOLUTIONS (FOR WATCH) | | | | | | | |
| AVERAGE RPM | | | | | | | |
| F.O. METER (END OF WATCH) | | | | | | | |
| F.O. CONSUMED | | | | | | | |
| MACHINERY PARTICULARS | | MACHINERY PARTICULARS (CONT'D) | | | MACHINERY PARTICULARS (CONT'D) | | |
| PRESSURES | THROTTLE | | | | AFT. H. P. ROTOR BEARING | | |
| | H.P. AHEAD | | | | FORWARD L. P. ROTOR BEARING | | |
| | L.P. AHEAD | | | | AFT. L.P. ROTOR BEARING | | |
| | VACUUM | | | | HOTTEST GEAR BEARING FORWARD | | |
| | L.O. TO TURBINES | | | | HOTTEST GEAR BEARING AFT | | |
| | AUX. STEAM | | | | AUX. CONO. CONDENSATE | | |
| | BACK PRESSURE | | | | 1ST STAGE FEED WATER HEATER | | |
| | GLAND STEAM | | | | D. C. FEED WATER HEATER | | |
| | H.P. BLEEDER | | | | 3RD STAGE FEED WATER HEATER | | |
| | I.P. BLEEDER | | | | | | |
| TEMPERATURES | L.P. BLEEDER | | | | | | |
| | STEAM AT THROTTLE | | | | F.O. TO BURNERS | | |
| | L.P. EXHAUST | | | | F. O. BACK PRESSURE | | |
| | CONDENSATE | | | | AIR TO FURNACE | | |
| | CIRC. WATER IN | | | | UPTAKE | | |
| | CIRC. WATER OUT | | | | MAIN STEAM | | |
| | L.O. TO COOLERS | | | | SUPER HEAT | | |
| | L.O. FROM COOLERS | | | | F.O. TO BURNERS | | |
| | TEMPERATURE THRUST BEARING | | | | F.O. TEMP. IN SETTLING TANKS | | |
| | FORWARD H.P. ROTOR BEARING | | | | PORT BOILER UPTAKE | | |
| | | | | | STBD. BOILER UPTAKE | | |
| | | | | | ENGINE ROOM TEMPERATURE | | |
| | | | | | FIRE ROOM TEMPERATURE | | |
| | | | | | NOZZLES IN USE | | |
| | | | | | NO. OF BURNERS IN USE | | |
| | | | | | BURNER TIP SIZE | | |
| | | | | | CO ₂ % PORT BOILER | | |
| | | | | | CO ₂ % STBD. BOILER | | |
| | | | | | ÖIL LEVEL MAIN SUMP | | |
| | | | | | | | |

| WATCH | | GENERATORS | | | | | | FUEL - WATER AND LUBE OIL | | | | | | | | |
|---|--------|----------------|-------------|---------------|----------------|------------------|-----------------------------|---------------------------|---------------|---------------|-------|----------------------------|--------------------|--------------------|----------------------------|---------------------------|
| GENERATOR NUMBER | R.P.M. | STEAM PRESSURE | STEAM TEMP. | L.O. PRESSURE | L.O. TO COOLER | L.O. FROM COOLER | TEMP. OF HOTTEST BEARING | L.O. GOVERNOR PRESSURE | AMPS POSITIVE | AMPS NEGATIVE | VOLTS | FUEL OIL | DOMESTIC WATER | BOILER WATER | ON HAND AT START OF DAY | EVAPORATED OR RECEIVED |
| 1200 TO 1600 | | | | | | | | | | | | METER AT NOON | | | 555 | |
| 1600 TO 2000 | | | | | | | | | | | | METER PREVIOUS NOON | 167870 | | | |
| 2000 TO 2400 | | | | | | | | | | | | CONSUMED BY METER | | | | |
| 2400 TO 0400 | | | | | | | | | | | | ON HAND AT START OF DAY | 14291 | | | |
| 0400 TO 0800 | | | | | | | | | | | | RECEIVED DURING DAY | - | | | |
| 0800 TO 1200 | | | | | | | | | | | | EXPENDED DURING DAY | 50 | | | |
| | | | | | | | | | | | | REMAINING ON BOARD | 14241 | | | |
| | | | | | | | | | | | | ON HAND AT START OF DAY | 284 | | | |
| | | | | | | | | | | | | EVAPORATED OR RECEIVED | - | 1878 | 1878 | |
| | | | | | | | | | | | | ON HAND | - | | | |
| | | | | | | | | | | | | CONSUMED | - | | | |
| LOW PRESS. EVAPORATORS (No. of hrs. operated) (Fresh water made gal.) | | | | | | | | | | | | | | | | |
| L.O. CENTRIFUGE - HOURS OPERATED. | | | | | | | | | | | | 1200 TO 1600 | 1600 TO 2000 | 2000 TO 2400 | 2400 TO 0400 | 0400 TO 0800 |
| | | | | | | | | | | | | | | | | |
| SUMMARY | | | | | | | | | | | | | | | | |
| RUNNING TIME | | | | | | PERCENT OF SLIP | | | | | | | | | | |
| DETENTION TIME | | | | | | BBL FUEL/MI | | | | | | | | | | |
| TOTAL REVOLUTIONS | | | | | | WIND DIRECTION | | | | | | | | | | |
| AVERAGE R.P.M. | | | | | | STATE OF SEA | | | | | | | | | | |
| TOTAL MILES BY ENGINE | | | | | | STATE OF WEATHER | | | | | | | | | | |
| TOTAL MILES BY OBSERVATION | | | | | | | | | | | | | | | | |

REMARKS

1200-1600 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

John Wilson Jr.

1600-2000 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

John Wilson Jr.

2000-2400 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

John Wilson Jr.

2400-0400 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

J. Schetision R/E

0400-0800 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

J. Schetision R/E

0800-1200 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

J. Schetision R/E

CHIEF ENGINEER

| | | |
|-----------------|------------|---|
| 7 | BLRS. | 4 |
| | P.A.L.K. | |
| | T.A.L.K. | |
| | C.H.L. | |
| | PHOS. | |
| | P.H. Cond. | |
| | P.H.-D.C. | |
| CHEMICALS ADDED | | |
| | ADJ. | |
| | G.C. | |
| | A.R.C. | |
| STEAMING HOURS | | |
| 842 | F.S. 000 | |
| 2052 | W.S. 2108 | |

CHIEF ENGR'S SIGNATURE-

John Schetision R/E

REMARKS

1200-1600 WATCH

Plant secured

WATCH ENGR'S SIGNATURE-

John Wilson RT

1600-2000 WATCH

Plant secured

WATCH ENGR'S SIGNATURE-

John Wilson RT

2000-2400 WATCH

Plant secured

WATCH ENGR'S SIGNATURE-

John Wilson RT

2400-0400 WATCH

Plant secured

WATCH ENGR'S SIGNATURE-

J. Schetision RT

0400-0800 WATCH

Plant secured

WATCH ENGR'S SIGNATURE-

J. Schetision RT

0800-1200 WATCH

Plant secured

WATCH ENGR'S SIGNATURE-

John M. Charney 3/19.

CHIEF ENGINEER

| | | |
|-----------------|------------|---|
| 73 | BLRS. | 4 |
| | PAER. | |
| | TALK. | |
| | CHL. | |
| | PHOS. | |
| | P.H. Cond. | |
| | P.H.-D.C. | |
| CHEMICALS ADDED | | |
| | ADJ. | |
| | G.C. | |
| | A.R.C. | |
| STEAMING HOURS | | |
| 842 | F.S. 000 | |
| 2052 | W.S. 2108 | |

CHIEF ENGR'S SIGNATURE-

John J. Schetision

REMARKS

1200-1600 WATCH

Plant Secured

1600-2000 WATCH

WATCH ENGR'S SIGNATURE-

Joe. m. Ghane 3/17

2000-2400 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Elyd Wilson R/E

2400-0400 WATCH

PLANT Secured. Bridges Safe.

WATCH ENGR'S SIGNATURE-

explosion R/E

0400-0800 WATCH

Same as above.

WATCH ENGR'S SIGNATURE-

MM Regd R/E

0800-1200 WATCH

Plant Secured.

WATCH ENGR'S SIGNATURE-

MM Regd R/E

CHIEF ENGINEER

| | | |
|-----------------|------------|------|
| 3 | BLRS. | 4 |
| | PALK. | |
| | TALK. | |
| | CHL. | |
| | PHOS. | |
| | P.H. GORD. | |
| | P.H.-D.C. | |
| CHEMICALS ADDED | | |
| | ADJ. | |
| | G.C. | |
| | A.R.C. | |
| STEAMING HOURS | | |
| 842 | F.S. | 000 |
| 2052 | W.S. | 2108 |

WATCH ENGR'S SIGNATURE-

Joe. m. Ghane 3/17

CHIEF ENGR'S SIGNATURE-

H. J. Phan before

REMARKS

1200-1600 WATCH

Plant Secured

1600-2000 WATCH

Plant Secured

2000-2400 WATCH

Plant Secured

2400-0400 WATCH

PLANT SECURED

0400-0800 WATCH

PLANT SECURED

0800-1200 WATCH

Plant Secured

CHIEF ENGINEER

| | | |
|-----------------|------------|------|
| #3 | BLRS. | #4 |
| | PAK. | |
| | TALK | |
| | CHL. | |
| | PHOS. | |
| | P.H. CONC. | |
| | P.H.-D.C. | |
| CHEMICALS ADDED | | |
| | ADJ. | |
| | G.C. | |
| | A.R.C. | |
| STEAMING HOURS | | |
| 8 42 | F.S. | 0 00 |
| 20 52 | W.S. | 2108 |

CHIEF ENGR'S SIGNATURE

11/11/1988

WATCH ENGR'S SIGNATURE

Joe M. Schaney 3/8

WATCH ENGR'S SIGNATURE

Clyde Wilson 3/8

WATCH ENGR'S SIGNATURE

David E. Werner

| USNS <i>USS John J. Gutfreund</i> | | VOYAGE NO. 13-7 | FROM <i>Honolulu, 1949, adt.</i> | TO | TYPE OF VESSEL <i>Patrol</i> | | DATE <i>7/8 6/68</i> | | | | | | |
|--------------------------------------|-------------------------------|--------------------|----------------------------------|--------------------|------------------------------|--------------------|----------------------|-----------------------------|---------------------------|--|--------------------|--------------------|--------------------|
| | | WATCH | | | | | WATCH | | | | | | |
| | | 1200 TO 1600 | 1600 TO 2000 | 2000 TO 2400 | 2400 TO 0400 | 0400 TO 0800 | 0800 TO 1200 | 1200 TO 1600 | 1600 TO 2000 | 2000 TO 2400 | 2400 TO 0400 | 0400 TO 0800 | 0800 TO 1200 |
| RUNNING TIME | | | | | | | | | | | | | |
| DETENTION TIME | | | | | | | | | | | | | |
| REVOLUTION COUNTER (END OF WATCH) | | | | | | | | | | | | | |
| TOTAL REVOLUTIONS (FOR WATCH) | | | | | | | | | | | | | |
| AVERAGE RPM | | | | | | | | | | | | | |
| F.O. METER (END OF WATCH) | | | | | | | | | | | | | |
| F.O. CONSUMED | | | | | | | | | | | | | |
| PRESSURES | THROTTLE | | | | | | | | | | | | |
| | H.P. AHEAD | | | | | | | | | | | | |
| | L.P. AHEAD | | | | | | | | | | | | |
| | VACUUM | | | | | | | | | | | | |
| | L.O. TO TURBINES | | | | | | | | | | | | |
| | AUX. STEAM | | | | | | | | | | | | |
| | BACK PRESSURE | | | | | | | | | | | | |
| | GLAND STEAM | | | | | | | | | | | | |
| | H.P. BLEEDER | | | | | | | | | | | | |
| | I.P. BLEEDER | | | | | | | | | | | | |
| L.P. BLEEDER | | | | | | | | | | | | | |
| TEMPERATURES | STEAM AT THROTTLE | | | | | | | | | | | | |
| | L.P. EXHAUST | | | | | | | | | | | | |
| | CONDENSATE | | | | | | | | | | | | |
| | CIRC. WATER IN | | | | | | | | | | | | |
| | CIRC. WATER OUT | | | | | | | | | | | | |
| | L.O. TO COOLERS | | | | | | | | | | | | |
| | L.O. FROM COOLERS | | | | | | | | | | | | |
| | TEMPERATURE THRUST BEARING | | | | | | | | | | | | |
| | FORWARD H.P. ROTOR BEARING | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| GENERATORS | | | | | | | | | | | | | |
| WATCH | GENERATOR NUMBER | R.P.M. | STEAM PRESSURE | STEAM TEMP. | L.O. PRESSURE | L.O. TO COOLER | L.O. FROM COOLER | TEMP. OF HOTTEST BEARING | L.O. GOVERNOR PRESSURE | AMPS POSITIVE | AMPS NEGATIVE | VOLTS | |
| 1200 | | | | | | | | | | | | | |
| TO | | | | | | | | | | | | | |
| 1600 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| 1600 | | | | | | | | | | | | | |
| TO | | | | | | | | | | | | | |
| 2000 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| 2000 | | | | | | | | | | | | | |
| TO | | | | | | | | | | | | | |
| 2400 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| 2400 | | | | | | | | | | | | | |
| TO | | | | | | | | | | | | | |
| 0400 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| 0400 | | | | | | | | | | | | | |
| TO | | | | | | | | | | | | | |
| 0800 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| 0800 | | | | | | | | | | | | | |
| TO | | | | | | | | | | | | | |
| 1200 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| FUEL - WATER AND LUBE OIL | | | | | | | | | | | | | |
| | | | | | | | | | | ON HAND AT START OF DAY | 351 | | |
| METER AT NOON | | | | | | | | | | EVAPORATED OR RECEIVED | - | | |
| METER PREVIOUS NOON | | | | | | | | | | ON HAND | 359 | | |
| CONSUMED BY METER | | | | | | | | | | CONSUMED | - | | |
| ON HAND AT START OF DAY | | | | | | | | | | ON HAND AT START OF DAY | 1571 | | |
| RECEIVED DURING DAY | | | | | | | | | | RECEIVED | - | | |
| EXPENDED DURING DAY | | | | | | | | | | ON HAND AT START OF DAY | 1571 | | |
| REMAINING ON BOARD | | | | | | | | | | RECEIVED | - | | |
| ON HAND AT START OF DAY | | | | | | | | | | ON HAND | - | | |
| EVAPORATED OR RECEIVED | | | | | | | | | | ON HAND | 1605 | | |
| ON HAND | | | | | | | | | | CONSUMED | - | | |
| DOMESTIC WATER | | | | | | | | | | LOW PRESS. EVAPORATORS (No. of hrs. operated) (Fresh water made gals.) | 1605 | | |
| L.O. CENTRIFUGE - HOURS OPERATED | | | | | | | | | | | | | |
| 1200 | 1600 | 2000 | 2400 | 0400 | 0800 | | | | | | | | |
| TO | TO | TO | TO | TO | TO | | | | | | | | |
| 1600 | 2000 | 2400 | 0400 | 0800 | 1200 | | | | | | | | |
| | | | | | | | | | | | | | |
| SUMMARY | | | | | | | | | | | | | |
| RUNNING TIME | | | | | | | | | | PERCENT OF SLIP | - | | |
| DETENTION TIME | | | | | | | | | | BBL FUEL/MI | - | | |
| TOTAL REVOLUTIONS | | | | | | | | | | WIND DIRECTION | - | | |
| AVERAGE R.P.M. | | | | | | | | | | STATE OF SEA | - | | |
| TOTAL MILES BY ENGINE | | | | | | | | | | STATE OF WEATHER | - | | |
| TOTAL MILES BY OBSERVATION | | | | | | | | | | | - | | |

REMARKS

1200-1600 WATCH

Plant Secured

1600-2000 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

R. L. Wenne

2000-2400 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Clyde Wilson Jr.

2400-0400 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE-

Clyde Wilson Jr.

0400-0800 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE-

J. J. Engle

0800-1200 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

J. J. Engle Jr.

CHIEF ENGINEER

WATCH ENGR'S SIGNATURE-

R. L. Wenne

| | | |
|-----------------|------------|--|
| # 3 | BLRS. # 4 | |
| PAK. | | |
| TALK. | | |
| CHL. | | |
| PHOS. | | |
| P.H. Cond. | | |
| P.H. D.C. | | |
| CHEMICALS ADDED | | |
| ADL. | | |
| G.C. | | |
| A.R.C | | |
| STEAMING HOURS | | |
| 8 42 | F.S. 000 | |
| 3052 | W.S. 210 P | |

CHIEF ENGR'S SIGNATURE-

J. J. Engle Jr.

| | | VOYAGE NO. | | FROM | | TO | | TYPE OF VESSEL | | DATE | | | | | | | | |
|--------------------------------------|---------------------|-------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|-----------------------------|---------------------------|--------------------|--------------------|--------------------|--|--------------------|----------------------------|-------|------|------|
| | | 15-17 | | New York, N.Y. | | | | 16-18 | | 4/6/1965 | | | | | | | | |
| | | WATCH | | | | | | WATCH | | | | | | | | | | |
| | | 1200 TO 1600 | 1600 TO 2000 | 2000 TO 2400 | 2400 TO 0400 | 0400 TO 0800 | 0800 TO 1200 | | | 1200 TO 1600 | 1600 TO 2000 | 2000 TO 2400 | 2400 TO 0400 | 0400 TO 0800 | 0800 TO 1200 | | | |
| RUNNING TIME | | | | | | | | | | | | | | | | | | |
| DETENTION TIME | | | | | | | | | | | | | | | | | | |
| REVOLUTION COUNTER (END OF WATCH) | | | | | | | | | | | | | | | | | | |
| TOTAL REVOLUTIONS (FOR WATCH) | | | | | | | | | | | | | | | | | | |
| AVERAGE RPM | | | | | | | | | | | | | | | | | | |
| F.O. METER (END OF WATCH) | | | | | | | | | | | | | | | | | | |
| F.O. CONSUMED | | | | | | | | | | | | | | | | | | |
| PRESSURES | | THROTTLE | | | | | | | | | | | | | | | | |
| | | H.P. AHEAD | | | | | | | | | | | | | | | | |
| | | L.P. AHEAD | | | | | | | | | | | | | | | | |
| | | VACUUM | | | | | | | | | | | | | | | | |
| | | L.O. TO TURBINES | | | | | | | | | | | | | | | | |
| | | AUX. STEAM | | | | | | | | | | | | | | | | |
| | | BACK PRESSURE | | | | | | | | | | | | | | | | |
| | | GLAND STEAM | | | | | | | | | | | | | | | | |
| | | H.P. BLEEDER | | | | | | | | | | | | | | | | |
| | | I.P. BLEEDER | | | | | | | | | | | | | | | | |
| TEMPERATURES | | L.P. BLEEDER | | | | | | | | | | | | | | | | |
| | | STEAM AT THROTTLE | | | | | | | | | | | | | | | | |
| | | L.P. EXHAUST | | | | | | | | | | | | | | | | |
| | | CONDENSATE | | | | | | | | | | | | | | | | |
| | | CIRC. WATER IN | | | | | | | | | | | | | | | | |
| | | CIRC. WATER OUT | | | | | | | | | | | | | | | | |
| | | L.O. TO COOLERS | | | | | | | | | | | | | | | | |
| | | L.O. FROM COOLERS | | | | | | | | | | | | | | | | |
| | | TEMPERATURE THRUST BEARING | | | | | | | | | | | | | | | | |
| | | FORWARD H.P. ROTOR BEARING | | | | | | | | | | | | | | | | |
| GENERATORS | | | | | | | | FUEL - WATER AND LUBE OIL | | | | | | | | | | |
| WATCH | GENERATOR NUMBER | R.P.M. | STEAM PRESSURE | STEAM TEMP. | L.O. PRESSURE | L.O. TO COOLER | L.O. FROM COOLER | TEMP. OF HOTTEST BEARING | L.O. GOVERNOR PRESSURE | AMPS POSITIVE | AMPS NEGATIVE | VOLTS | FUEL OIL | BOILER WATER | ON HAND AT START OF DAY | 3 1/4 | | |
| 1200 | | | | | | | | | | | | | METER AT NOON | | | | | |
| TO | | | | | | | | | | | | | METER PREVIOUS NOON | 15612590 | | | | |
| 1600 | | | | | | | | | | | | | CONSUMED BY METER | | | | | |
| | | | | | | | | | | | | | ON HAND AT START OF DAY | 3 5/7 | | | | |
| | | | | | | | | | | | | | CONSUMED | 2 | | | | |
| 1600 | | | | | | | | | | | | | ON HAND AT START OF DAY | 14 1/1 | | | | |
| TO | | | | | | | | | | | | | RECEIVED | | | | | |
| 2000 | | | | | | | | | | | | | EXPENDED DURING DAY | 45 | | | | |
| | | | | | | | | | | | | | REMAINING ON BOARD | 14 203 | | | | |
| 2000 | | | | | | | | | | | | | ON HAND AT START OF DAY | 402 | | | | |
| TO | | | | | | | | | | | | | EVAPORATED OR RECEIVED | | | | | |
| 2400 | | | | | | | | | | | | | ON HAND | 3 3/9 | | | | |
| | | | | | | | | | | | | | CONSUMED | 43 | | | | |
| 2400 | | | | | | | | | | | | | LOW PRESS. EVAPORATORS (No. of hrs. operated) (Fresh water made gals.) | | | | | |
| TO | | | | | | | | | | | | | L.O. CENTRIFUGE - HOURS OPERATED | | | | | |
| 0400 | | | | | | | | | | | | | 1200 | 1600 | 2000 | 2400 | 0400 | 0800 |
| | | | | | | | | | | | | | TO | TO | TO | TO | TO | TO |
| 0400 | | | | | | | | | | | | | 1600 | 2000 | 2400 | 0400 | 0800 | 1200 |
| | | | | | | | | | | | | | | | | | | |
| 0400 | | | | | | | | | | | | | | | | | | |
| TO | | | | | | | | | | | | | | | | | | |
| 0800 | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| 0800 | | | | | | | | | | | | | | | | | | |
| TO | | | | | | | | | | | | | | | | | | |
| 1200 | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| SUMMARY | | | | | | | | | | | | | | | | | | |
| RUNNING TIME | | | | | | | | PERCENT OF SLIP | | | | | | | | | | |
| DETENTION TIME | | | | | | | | BBL FUEL/MI | | | | | | | | | | |
| TOTAL REVOLUTIONS | | | | | | | | WIND DIRECTION | | | | | | | | | | |
| AVERAGE R.P.M. | | | | | | | | STATE OF SEA | | | | | | | | | | |
| TOTAL MILES BY ENGINE | | | | | | | | STATE OF WEATHER | | | | | | | | | | |
| TOTAL MILES BY OBSERVATION | | | | | | | | | | | | | | | | | | |

REMARKS

1200-1600 WATCH

Plant Secured

1600-2000 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

R. L. Werner

2000-2400 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

E. L. Wilson Jr.

2400-0400 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE-

E. L. Wilson Jr.

0400-0800 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE-

J. Lang

0800-1200 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE-

J. Lang

CHIEF ENGINEER

| | | |
|-----------------|------------|-----|
| # 3 | BLRS. | # 4 |
| | P.AIR. | |
| | T.AIR. | |
| | C.H.L. | |
| | PHOS. | |
| | P.H. Cond. | |
| | P.H.-D.C. | |
| CHEMICALS ADDED | | |
| | ADJ. | |
| | G.C. | |
| | A.R.C. | |
| STEAMING HOURS | | |
| 842 | F.S. 000 | |
| 2052 | W.S. 2108 | |

CHIEF ENGR'S SIGNATURE-

J. Lang

| USNS <i>Shore, John S.</i> | | VOYAGE NO. 13-17 | FROM <i>Offshore, New York</i> | TO <i>Offshore, New York</i> | TYPE OF VESSEL <i>1000000</i> | | DATE <i>4/7-8/68</i> | | | | | | | | | |
|--------------------------------------|---------------------|-------------------------------|--------------------------------|------------------------------|-------------------------------|--------------------|----------------------|--------------------------------|---------------------------|--|--------------------|--------------------|----------------------------|--------------------|----------------------------|------|
| | | WATCH | | | | | | WATCH | | | | | | | | |
| | | 1200 TO 1600 | 1600 TO 2000 | 2000 TO 2400 | 2400 TO 0400 | 0400 TO 0800 | 0800 TO 1200 | | | 1200 TO 1600 | 1600 TO 2000 | 2000 TO 2400 | 2400 TO 0400 | 0400 TO 0800 | 0800 TO 1200 | |
| RUNNING TIME | | | | | | | | | | | | | | | | |
| DETENTION TIME | | | | | | | | | | | | | | | | |
| REVOLUTION COUNTER (END OF WATCH) | | | | | | | | | | | | | | | | |
| TOTAL REVOLUTIONS (FOR WATCH) | | | | | | | | | | | | | | | | |
| AVERAGE RPM | | | | | | | | | | | | | | | | |
| F.O. METER (END OF WATCH) | | | | | | | | | | | | | | | | |
| F.O. CONSUMED | | | | | | | | | | | | | | | | |
| PRESSURES | | THROTTLE | | | | | | MACHINERY PARTICULARS (CONT'D) | | AFT. H. P. ROTOR BEARING | | | | | | |
| | | H.P. AHEAD | | | | | | | | FORWARD L. P. ROTOR BEARING | | | | | | |
| | | L.P. AHEAD | | | | | | | | AFT. L.P. ^{**} ROTOR BEARING | | | | | | |
| | | VACUUM | | | | | | | | HOTTEST GEAR BEARING FORWARD | | | | | | |
| | | L.O. TO TURBINES | | | | | | | | HOTTEST GEAR BEARING AFT | | | | | | |
| | | AUX. STEAM | | | | | | | | AUX. COND. CONDENSATE | | | | | | |
| | | BACK PRESSURE | | | | | | | | 1ST STAGE FEED WATER HEATER | | | | | | |
| | | GLAND STEAM | | | | | | | | D. C. FEED WATER HEATER | | | | | | |
| | | H.P. BLEEDER | | | | | | | | 3RD STAGE FEED WATER HEATER | | | | | | |
| | | I.P. BLEEDER | | | | | | | | | | | | | | |
| TEMPERATURES | | L.P. BLEEDER | | | | | | | | | | | | | | |
| | | STEAM AT THROTTLE | | | | | | F.O. TO BURNERS | | | | | | | | |
| | | L.P. EXHAUST | | | | | | F. O. BACK PRESSURE | | | | | | | | |
| | | CONDENSATE | | | | | | AIR TO FURNACE | | | | | | | | |
| | | CIRC. WATER IN | | | | | | UPTAKE | | | | | | | | |
| | | CIRC. WATER OUT | | | | | | MAIN STEAM | | | | | | | | |
| | | L.O. TO COOLERS | | | | | | | | | | | | | | |
| | | L.O. FROM COOLERS | | | | | | | | | | | | | | |
| | | TEMPERATURE THRUST BEARING | | | | | | | | | | | | | | |
| | | FORWARD H.P. ROTOR BEARING | | | | | | | | | | | | | | |
| GENERATORS | | | | | | | | | | FUEL - WATER AND LUBE OIL | | | | | | |
| WATCH | GENERATOR NUMBER | R.P.M. | STEAM PRESSURE | STEAM TEMP. | L.O. PRESSURE | L.O. TO COOLER | L.O. FROM COOLER | TEMP. OF HOTTEST BEARING | L.O. GOVERNOR PRESSURE | AMPS POSITIVE | AMPS NEGATIVE | VOLTS | FUEL OIL | BOILER WATER | ON HAND AT START OF DAY | 751 |
| 1200 | | | | | | | | | | | | | METER AT NOON | | | |
| TO | | | | | | | | | | | | | METER PREVIOUS NOON | 150.930 | | |
| 1600 | | | | | | | | | | | | | CONSUMED BY METER | | | |
| | | | | | | | | | | | | | ON HAND AT START OF DAY | 150.930 | | |
| | | | | | | | | | | | | | RECEIVED DURING DAY | | | |
| | | | | | | | | | | | | | EXPENDED DURING DAY | 44 | | |
| | | | | | | | | | | | | | REMAINING ON BOARD | 139.539 | | |
| | | | | | | | | | | | | | ON HAND AT START OF DAY | 139.539 | | |
| | | | | | | | | | | | | | EVAPORATED OR RECEIVED | - | 1600 | |
| | | | | | | | | | | | | | ON HAND | | | |
| | | | | | | | | | | | | | CONSUMED | | | |
| | | | | | | | | | | LOW PRESS. EVAPORATORS (No. of hrs. operated) (Fresh water made gals.) | | | | | | |
| | | | | | | | | | | L.O. CENTRIFUGE - HOURS OPERATED | | | | | | |
| 1200 | | | | | | | | | | 1200 | 1600 | 2000 | 2400 | 0400 | 0800 | |
| TO | | | | | | | | | | TO | 2000 | 2400 | TO | 0400 | TO | 1200 |
| 1600 | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | SUMMARY | | | | | | |
| 0400 | | | | | | | | | | RUNNING TIME | | PERCENT OF SLIP | | | | |
| TO | | | | | | | | | | DETENTION TIME | | BBL FUEL/MI | | | | |
| 0800 | | | | | | | | | | TOTAL REVOLUTIONS | | WIND DIRECTION | | | | |
| 0800 | | | | | | | | | | AVERAGE R.P.M. | | STATE OF SEA | | | | |
| TO | | | | | | | | | | TOTAL MILES BY ENGINE | | STATE OF WEATHER | | | | |
| 1200 | | | | | | | | | | TOTAL MILES BY OBSERVATION | | | | | | |

REMARKS

1200-1600 WATCH

Plant Secured

1600-2000 WATCH

Plant Secured

2000-2400 WATCH

Plant Secured

2400-0400 WATCH

PLANT SECURED

0400-0800 WATCH

PLANT SECURED

0800-1200 WATCH

PLANT SECURED

CHIEF ENGINEER

| | | | |
|-----------------|------------|------|--|
| 7.5 | BLRS. | 4 | |
| | PAK. | | |
| | TALK | | |
| | CHL. | | |
| | PHOS. | | |
| | P.H. Cond. | | |
| | P.H.-D.C. | | |
| CHEMICALS ADDED | | | |
| | ADJ. | | |
| | G.C. | | |
| | A.R.C | | |
| STEAMING HOURS | | | |
| 842 | F.S. | 000 | |
| 2052 | W.S. | 2108 | |

CHIEF ENGR'S SIGNATURE

W.H. Pfeifer for John

| USNS <i>John J. Gutfreund</i> | | | VOYAGE NO. | FROM | TO | | | TYPE OF VESSEL | | DATE | | | | | | | | |
|--------------------------------------|---------------------|--------|-------------------------------|--------------------|--------------------|--------------------|--------------------|-----------------------------|---------------------------|----------------------------------|---------------|--------------------|---|--------------------|--------------------|--------------------|---|------|
| | | | 13-7 | 13-7 | | | | 12-8-62 | 7/8-9/68 | | | | | | | | | |
| | | | WATCH | | | | | | WATCH | | | | | | | | | |
| | | | 1200 TO 1600 | 1600 TO 2000 | 2000 TO 2400 | 2400 TO 0400 | 0400 TO 0800 | 0800 TO 1200 | | | | 1200 TO 1600 | 1600 TO 2000 | 2000 TO 2400 | 2400 TO 0400 | 0400 TO 0800 | 0800 TO 1200 | |
| RUNNING TIME | | | | | | | | | | | | | | | | | | |
| DETENTION TIME | | | | | | | | | | | | | | | | | | |
| REVOLUTION COUNTER (END OF WATCH) | | | | | | | | | | | | | | | | | | |
| TOTAL REVOLUTIONS (FOR WATCH) | | | | | | | | | | | | | | | | | | |
| AVERAGE RPM | | | | | | | | | | | | | | | | | | |
| F.O. METER (END OF WATCH) | | | | | | | | | | | | | | | | | | |
| F.O. CONSUMED | | | | | | | | | | | | | | | | | | |
| PRESSURES | | | THROTTLE | | | | | | | | | | | | | | | |
| | | | H.P. AHEAD | | | | | | | | | | | | | | | |
| | | | L.P. AHEAD | | | | | | | | | | | | | | | |
| | | | VACUUM | | | | | | | | | | | | | | | |
| | | | L.O. TO TURBINES | | | | | | | | | | | | | | | |
| | | | AUX. STEAM | | | | | | | | | | | | | | | |
| | | | BACK PRESSURE | | | | | | | | | | | | | | | |
| | | | GLAND STEAM | | | | | | | | | | | | | | | |
| | | | H.P. BLEEDER | | | | | | | | | | | | | | | |
| | | | I.P. BLEEDER | | | | | | | | | | | | | | | |
| L.P. BLEEDER | | | | | | | | | | | | | | | | | | |
| TEMPERATURES | | | STEAM AT THROTTLE | | | | | | | | | | | | | | | |
| | | | L.P. EXHAUST | | | | | | | | | | | | | | | |
| | | | CONDENSATE | | | | | | | | | | | | | | | |
| | | | CIRC. WATER IN | | | | | | | | | | | | | | | |
| | | | CIRC. WATER OUT | | | | | | | | | | | | | | | |
| | | | L.O. TO COOLERS | | | | | | | | | | | | | | | |
| | | | L.O. FROM COOLERS | | | | | | | | | | | | | | | |
| | | | TEMPERATURE THRUST BEARING | | | | | | | | | | | | | | | |
| | | | FORWARD H.P. ROTOR BEARING | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| GENERATORS | | | | | | | | | | FUEL - WATER AND LUBE DIL | | | | | | | | |
| WATCH | GENERATOR NUMBER | R.P.M. | STEAM PRESSURE | STEAM TEMP. | L.O. PRESSURE | L.O. TO COOLER | L.O. FROM COOLER | TEMP. OF HOTTEST BEARING | L.O. GOVERNOR PRESSURE | AMPS POSITIVE | AMPS NEGATIVE | VOLTS | FUEL OIL | DOMESTIC WATER | LUBE OIL | BOILER WATER | ON HAND AT START OF DAY | 1571 |
| 1200 | | | | | | | | | | | | | METER AT NOON | | | | EVAPORATED OR RECEIVED | |
| TO | | | | | | | | | | | | | METER PREVIOUS NOON | 1575.50 | | | ON HAND | |
| 1600 | | | | | | | | | | | | | CONSUMED BY METER | | | | CONSUMED | |
| | | | | | | | | | | | | | ON HAND AT START OF DAY | 1575.50 | | | ON HAND AT START OF DAY | 1571 |
| | | | | | | | | | | | | | RECEIVED DURING DAY | | | | RECEIVED DURING DAY | |
| | | | | | | | | | | | | | EXPENDED DURING DAY | | | | RECEIVED ON HAND AT START OF DAY | 1571 |
| | | | | | | | | | | | | | REMAINING ON BOARD | 77 | | | ON HAND | |
| | | | | | | | | | | | | | ON HAND AT START OF DAY | 1571.2 | | | CONSUMED | |
| | | | | | | | | | | | | | EVAPORATED OR RECEIVED | | | | ON HAND | |
| | | | | | | | | | | | | | ON HAND | | | | CONSUMED | |
| | | | | | | | | | | | | | DOMESTIC WATER | | | | DOMESTIC WATER | |
| | | | | | | | | | | | | | LUBE OIL | | | | LUBE OIL | |
| | | | | | | | | | | | | | BOILER WATER | | | | BOILER WATER | |
| | | | | | | | | | | | | | LOW PRESS. EVAPORATORS (No. of hrs. operated) (Fresh water made gal.) | | | | LOW PRESS. EVAPORATORS (No. of hrs. operated) (Fresh water made gal.) | |
| | | | | | | | | | | L.O. CENTRIFUGE - HOURS OPERATED | | | | | | | | |
| 1200 | | | | | | | | | | | | | 1200 | 1600 | 2000 | 2400 | 0400 | 0800 |
| TO | | | | | | | | | | | | | TO | TO | TO | TO | TO | TO |
| 1600 | | | | | | | | | | | | | 1600 | 2000 | 2400 | 0400 | 0800 | 1200 |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | SUMMARY | | | | | | | | |
| 0400 | | | | | | | | | | | | | RUNNING TIME | | | | PERCENT OF SLIP | |
| TO | | | | | | | | | | | | | DETENTION TIME | | | | BBL FUEL/MI | |
| 0800 | | | | | | | | | | | | | TOTAL REVOLUTIONS | | | | WIND DIRECTION | |
| | | | | | | | | | | | | | AVERAGE R.P.M. | | | | STATE OF SEA | |
| | | | | | | | | | | | | | TOTAL MILES BY ENGINE | | | | STATE OF WEATHER | |
| | | | | | | | | | | | | | TOTAL MILES BY OBSERVATION | | | | | |

REMARKS

1200-1600 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

1600-2000 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

2000-2400 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

2400-0400 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE-

0400-0800 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE-

0800-1200 WATCH

PLANT Secured Bilges at safe level

WATCH ENGR'S SIGNATURE-

CHIEF ENGINEER

Humphrey

| | | |
|-----------------|------------|----|
| # 3 | BLRS. | 44 |
| | P.A.R. | |
| | T.A.L.K. | |
| | C.H.L. | |
| | P.HOS. | |
| | P.H. CORD. | |
| | P.H.-D.C. | |
| CHEMICALS ADDED | | |
| | A.D.J. | |
| | G.C. | |
| | A.R.C | |
| STEAMING HOURS | | |
| 842 | F.S. 000 | |
| 2052 | W.S. 2108 | |

CHIEF ENGR'S SIGNATURE-

T. J. Chappell

REMARKS

1200-1600 WATCH

07:45 Fired up #4 Boiler 1300 Psi at 400° Raised vac on aux @ 1230
 1245 started #3 & 4 Turbo-Gen's, 1330 Tested overspeed trips 3 times #3 & 4
 Generators Tested OK. 1415 secured #4 Boiler & #3 & 4 Turbo Gen's.

WATCH ENGR'S SIGNATURE- *Geo. Lund*

1600-2000 WATCH

Plant secured

2000-2400 WATCH

opened steam drum vent on #4 boiler @ 25°
 Plant secured

WATCH ENGR'S SIGNATURE- *Geo. Wilson Jr.*

2400-0400 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE- *Geo. Wilson Jr.*

0400-0800 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE- *Geo. Wilson Jr.*

0800-1200 WATCH

Plant secured

WATCH ENGR'S SIGNATURE- *Geo. Wilson Jr.*

CHIEF ENGINEER

| | | |
|-----------------|------------|------|
| #3 | BLRS. | #4 |
| | PARK. | |
| | TALK. | |
| | CHL. | |
| | PHOS. | |
| | P.H. CONC. | |
| | P.H. D.C. | |
| CHEMICALS ADDED | | |
| | ADJ. | |
| | G.C. | |
| | A.R.C. | |
| STEAMING HOURS | | |
| 842 | F.S. | 0200 |
| 2052 | W.S. | 2108 |

WATCH ENGR'S SIGNATURE- *Jao.m. Bhawez 31#.*CHIEF ENGR'S SIGNATURE- *H. J. Thompson*

| | | | | | | | | | | | | | | | | |
|--|-------|-----------------------------------|------------|-------|-----------------------------|-------|-----------------------------------|-----------|------------|------|------|----------------------------|------|--|--|--|
| USNS | 12-17 | | VOYAGE NO. | FROM | TO | | TYPE OF VESSEL | DATE | | | | | | | | |
| 12-17 | | 12-17 | | 12-17 | | 12-17 | | 42-12-101 | 11/10 1968 | | | | | | | |
| | | WATCH | | | | | WATCH | | | | | | | | | |
| | | 1200 | 1600 | 2000 | 2400 | 0400 | 0800 | 1200 | 1600 | 2000 | 2400 | 0400 | 0800 | | | |
| | | TO | TO | TO | TO | TO | TO | TO | TO | TO | TO | TO | TO | | | |
| | | 1600 | 2000 | 2400 | 0400 | 0800 | 1200 | 1600 | 2000 | 2400 | 0400 | 0800 | 1200 | | | |
| RUNNING TIME | | | | | | | | | | | | | | | | |
| DETENTION TIME | | | | | | | | | | | | | | | | |
| REVOLUTION COUNTER (END OF WATCH) | | | | | | | | | | | | | | | | |
| TOTAL REVOLUTIONS (FOR WATCH) | | | | | | | | | | | | | | | | |
| AVERAGE RPM | | | | | | | | | | | | | | | | |
| F.O. METER (END OF WATCH) | | | | | | | | | | | | | | | | |
| F.O. CONSUMED | | | | | | | | | | | | | | | | |
| PRESSURES | | MACHINERY PARTICULARS (CONT'D) | | | | | TEMPERATURES (CONT'D) | | | | | | | | | |
| | | AFT. H. P. ROTOR BEARING | | | | | FORWARD L. P. ROTOR BEARING | | | | | | | | | |
| | | AFT. L. P. ROTOR BEARING | | | | | HOTTEST GEAR BEARING FORWARD | | | | | | | | | |
| | | HOTTEST GEAR BEARING AFT | | | | | HOTTEST GEAR BEARING AFT | | | | | | | | | |
| | | AUX. COND. CONDENSATE | | | | | AUX. COND. CONDENSATE | | | | | | | | | |
| | | 1ST STAGE FEED WATER HEATER | | | | | 1ST STAGE FEED WATER HEATER | | | | | | | | | |
| | | D. C. FEED WATER HEATER | | | | | D. C. FEED WATER HEATER | | | | | | | | | |
| | | 3RD STAGE FEED WATER HEATER | | | | | 3RD STAGE FEED WATER HEATER | | | | | | | | | |
| | | F.O. TO BURNERS | | | | | F.O. TO BURNERS | | | | | | | | | |
| | | F. O. BACK PRESSURE | | | | | F. O. BACK PRESSURE | | | | | | | | | |
| TEMPERATURES | | BOILER PARTICULARS | | | | | TEMPERATURES | | | | | | | | | |
| | | AIR TO FURNACE | | | | | AIR TO FURNACE | | | | | | | | | |
| | | UPTAKE | | | | | UPTAKE | | | | | | | | | |
| | | MAIN STEAM | | | | | MAIN STEAM | | | | | | | | | |
| | | SUPER HEAT | | | | | SUPER HEAT | | | | | | | | | |
| | | F.O. TO BURNERS | | | | | F.O. TO BURNERS | | | | | | | | | |
| | | F.O. TEMP. IN SETTLING TANKS | | | | | F.O. TEMP. IN SETTLING TANKS | | | | | | | | | |
| | | PORT BOILER UPTAKE | | | | | PORT BOILER UPTAKE | | | | | | | | | |
| | | STBD. BOILER UPTAKE | | | | | STBD. BOILER UPTAKE | | | | | | | | | |
| | | ENGINE ROOM TEMPERATURE | | | | | ENGINE ROOM TEMPERATURE | | | | | | | | | |
| MISCELLANEOUS | | FIRE ROOM TEMPERATURE | | | | | FIRE ROOM TEMPERATURE | | | | | | | | | |
| | | NOZZLES IN USE | | | | | NOZZLES IN USE | | | | | | | | | |
| | | NO. OF BURNERS IN USE | | | | | NO. OF BURNERS IN USE | | | | | | | | | |
| | | BURNER TIP SIZE | | | | | BURNER TIP SIZE | | | | | | | | | |
| | | CO ₂ % PORT BOILER | | | | | CO ₂ % PORT BOILER | | | | | | | | | |
| | | CO ₂ % STBD. BOILER | | | | | CO ₂ % STBD. BOILER | | | | | | | | | |
| | | OIL LEVEL MAIN SUMP | | | | | OIL LEVEL MAIN SUMP | | | | | | | | | |
| | | STEAM AT THROTTLE | | | | | STEAM AT THROTTLE | | | | | | | | | |
| | | L.P. EXHAUST | | | | | L.P. EXHAUST | | | | | | | | | |
| | | CONDENSATE | | | | | CONDENSATE | | | | | | | | | |
| GENERATORS | | CIRC. WATER IN | | | | | CIRC. WATER IN | | | | | | | | | |
| | | CIRC. WATER OUT | | | | | CIRC. WATER OUT | | | | | | | | | |
| | | L.O. TO COOLERS | | | | | L.O. TO COOLERS | | | | | | | | | |
| | | L.O. FROM COOLERS | | | | | L.O. FROM COOLERS | | | | | | | | | |
| | | L.O. PRESSURE | | | | | L.O. PRESSURE | | | | | | | | | |
| | | STEAM TEMP. | | | | | STEAM TEMP. | | | | | | | | | |
| | | R.P.M. | | | | | R.P.M. | | | | | | | | | |
| | | GENERATOR NUMBER | | | | | GENERATOR NUMBER | | | | | | | | | |
| | | VOLTS | | | | | VOLTS | | | | | | | | | |
| | | AMPS NEGATIVE | | | | | AMPS NEGATIVE | | | | | | | | | |
| AMPS POSITIVE | | | | | AMPS POSITIVE | | | | | | | | | | | |
| L.O. GOVERNOR PRESSURE | | | | | L.O. GOVERNOR PRESSURE | | | | | | | | | | | |
| TEMP. OF HOTTEST BEARING | | | | | TEMP. OF HOTTEST BEARING | | | | | | | | | | | |
| FUEL - WATER AND LUBE OIL | | FUEL OIL | | | | | BOILER WATER | | | | | | | | | |
| | | METER AT NOON | | | | | METER AT NOON | | | | | ON HAND AT START OF DAY | | | | |
| | | METER PREVIOUS NOON | | | | | 156780/10 | | | | | EVAPORATED OR RECEIVED | | | | |
| | | CONSUMED BY METER | | | | | | | | | | ON HAND | | | | |
| | | ON HAND AT START OF DAY | | | | | 13563 | | | | | CONSUMED | | | | |
| | | RECEIVED DURING DAY | | | | | -- | | | | | ON HAND AT START OF DAY | | | | |
| | | EXPENDED DURING DAY | | | | | 71 | | | | | RECEIVED | | | | |
| | | REMAINING ON BOARD | | | | | 13560 | | | | | ON HAND | | | | |
| | | ON HAND AT START OF DAY | | | | | 343 | | | | | CONSUMED | | | | |
| | | EVAPORATED OR RECEIVED | | | | | | | | | | 1605 | | | | |
| ON HAND | | | | | 723 | | | | | | | | | | | |
| DOMESTIC WATER | | | | | DOMESTIC WATER | | | | | | | | | | | |
| CONSUMED | | | | | CONSUMED | | | | | | | | | | | |
| LOW PRESS. EVAPORATORS (No. of hrs. operated) (Fresh water made gals.) | | | | | | | | | | | | | | | | |
| L.O. CENTRIFUGE - HOURS OPERATED | | | | | | | | | | | | | | | | |
| SUMMARY | | 1200 | 1600 | 2000 | 2400 | 0400 | 0800 | | | | | | | | | |
| | | TO | TO | TO | TO | TO | TO | | | | | | | | | |
| | | 1600 | 2000 | 2400 | 0400 | 0800 | 1200 | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| RUNNING TIME | | | | | | | PERCENT OF SLIP | | | | | | | | | |
| DETENTION TIME | | | | | | | BBL FUEL/MI | | | | | | | | | |
| TOTAL REVOLUTIONS | | | | | | | WIND DIRECTION | | | | | | | | | |
| AVERAGE R.P.M. | | | | | | | STATE OF SEA | | | | | | | | | |
| TOTAL MILES BY ENGINE | | | | | | | STATE OF WEATHER | | | | | | | | | |
| TOTAL MILES BY OBSERVATION | | | | | | | | | | | | | | | | |

REMARKS

1200-1600 WATCH

Plant secured Bilges at safe level

1600-2000 WATCH

Plant secured

WATCH ENGR'S SIGNATURE- *Thompson*

2000-2400 WATCH

Plant secured

WATCH ENGR'S SIGNATURE- *Clyde Wilson Jr.*

2400-0400 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE- *Clyde Wilson Jr.*

0400-0800 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE- *Day*

0800-1200 WATCH

Plant secured Bilges at safe level

WATCH ENGR'S SIGNATURE- *Day*

CHIEF ENGINEER

WATCH ENGR'S SIGNATURE- *Thompson*

| | |
|-----------------|--|
| BLRS. | |
| PAK. | |
| TACK. | |
| CHL. | |
| PHOS. | |
| P.H. Comd. | |
| P.H.-D.C. | |
| CHEMICALS ADDED | |
| ADJ. | |
| G.C. | |
| A.R.C. | |
| STEAMING HOURS | |
| F.S. | |
| W.S. | |

CHIEF ENGR'S SIGNATURE- *W.H. Chamberlain*

USNS *John Paul Jones* VOYAGE NO. 13-77 FROM *Whitman, Wash., a.t.* TO *Seattle, Wash., a.t.* TYPE OF VESSEL *12-12-12* DATE *7/11-13/68*

| | WATCH | | | | | | | WATCH | | | | | |
|--------------------------------------|-------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| | 1200 TO 1600 | 1600 TO 2000 | 2000 TO 2400 | 2400 TO 0400 | 0400 TO 0800 | 0800 TO 1200 | | 1200 TO 1600 | 1600 TO 2000 | 2000 TO 2400 | 2400 TO 0400 | 0400 TO 0800 | 0800 TO 1200 |
| RUNNING TIME | | | | | | | | | | | | | |
| DETENTION TIME | | | | | | | | | | | | | |
| REVOLUTION COUNTER (END OF WATCH) | | | | | | | | | | | | | |
| TOTAL REVOLUTIONS (FOR WATCH) | | | | | | | | | | | | | |
| AVERAGE RPM | | | | | | | | | | | | | |
| F.O. METER (END OF WATCH) | | | | | | | | | | | | | |
| F.O. CONSUMED | | | | | | | | | | | | | |
| PRESSURES | THROTTLE | | | | | | | | | | | | |
| | H.P. AHEAD | | | | | | | | | | | | |
| | L.P. AHEAD | | | | | | | | | | | | |
| | VACUUM | | | | | | | | | | | | |
| | L.O. TO TURBINES | | | | | | | | | | | | |
| | AUX. STEAM | | | | | | | | | | | | |
| | BACK PRESSURE | | | | | | | | | | | | |
| | GLAND STEAM | | | | | | | | | | | | |
| | H.P. BLEEDER | | | | | | | | | | | | |
| | I.P. BLEEDER | | | | | | | | | | | | |
| TEMPERATURES | L.P. BLEEDER | | | | | | | | | | | | |
| | STEAM AT THROTTLE | | | | | | | | | | | | |
| | L.P. EXHAUST | | | | | | | | | | | | |
| | CONDENSATE | | | | | | | | | | | | |
| | CIRC. WATER IN | | | | | | | | | | | | |
| | CIRC. WATER OUT | | | | | | | | | | | | |
| | L.O. TO COOLERS | | | | | | | | | | | | |
| | L.O. FROM COOLERS | | | | | | | | | | | | |
| | TEMPERATURE THRUST BEARING | | | | | | | | | | | | |
| | FORWARD H.P. ROTOR BEARING | | | | | | | | | | | | |

| WATCH | GENERATORS | | | | | | | | | | | |
|--------------------|---------------------|--------|----------------|-------------|---------------|----------------|------------------|-----------------------------|---------------------------|---------------|---------------|-------|
| | GENERATOR NUMBER | R.P.M. | STEAM PRESSURE | STEAM TEMP. | L.O. PRESSURE | L.O. TO COOLER | L.O. FROM COOLER | TEMP. OF HOTTEST BEARING | L.O. GOVERNOR PRESSURE | AMPS POSITIVE | AMPS NEGATIVE | VOLTS |
| 1200 TO 1600 | | | | | | | | | | | | |
| 1600 TO 2000 | | | | | | | | | | | | |
| 2000 TO 2400 | | | | | | | | | | | | |
| 2400 TO 0400 | | | | | | | | | | | | |
| 0400 TO 0800 | | | | | | | | | | | | |
| 0800 TO 1200 | | | | | | | | | | | | |

| FUEL - WATER AND LUBE OIL | |
|---------------------------|----------|
| METER AT NOON | |
| METER PREVIOUS NOON | 15675370 |
| CONSUMED BY METER | |
| ON HAND AT START OF DAY | 13510 |
| RECEIVED DURING DAY | -- |
| EXPENDED DURING DAY | 10 |
| REMAINING ON BOARD | 13510 |
| ON HAND AT START OF DAY | 13277 |
| EVAPORATED OR RECEIVED | -- |
| ON HAND | -- |
| DOMESTIC WATER | |
| CONSUMED | |

LOW PRESS. EVAPORATORS (No. of hrs. operated) (Fresh water made gals.)

| L.O. CENTRIFUGE - HOURS OPERATED | | | | | |
|----------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| 1200 TO 1600 | 1600 TO 2000 | 2000 TO 2400 | 2400 TO 0400 | 0400 TO 0800 | 0800 TO 1200 |
| | | | | | |
| | | | | | |
| | | | | | |

| SUMMARY | |
|----------------------------|--|
| RUNNING TIME | |
| DETENTION TIME | |
| TOTAL REVOLUTIONS | |
| AVERAGE R.P.M. | |
| TOTAL MILES BY ENGINE | |
| TOTAL MILES BY OBSERVATION | |
| PERCENT OF SLIP | |
| BBL FUEL/MI | |
| WIND DIRECTION | |
| STATE OF SEA | |
| STATE OF WEATHER | |

REMARKS

1200-1600 WATCH

Plant Secured

WATCH ENGR'S SI

1600-2000 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE

2000-2400 WATCH

Plant scarce

WATCH ENGR'S SIGNATURE -

2400-0400 WATCH

PLANT SECURED

WATER USES IN AGRICULTURE

— 100 — MARCIAL

PLANT SECURED

—
—
—

Plant secured

WATCH ENGR'S SIGNATURE.

CHIEF ENGINEER

| | |
|------------------------|------------|
| | BLRS. |
| | PALK. |
| | TALK. |
| | CHL. |
| | PHOS. |
| | P.H. Cond. |
| | P.H.D.C. |
| CHEMICALS ADDED | |
| | ADJ. |
| | G.C. |
| | A.R.C |
| STEAMING HOURS | |
| | F.S. |
| | W.S. |

| USNS <i>Essex</i> , <i>Essex</i> (1968) | | | VOYAGE NO. | FROM | TO | | TYPE OF VESSEL | | DATE | | | | | | | | | |
|---|---------------------|--------|-------------------------------|----------------------|--------------------|--------------------|--------------------|-----------------------------|---------------------------|--------------------|--------------------|--------------------|--|----------------------------|--------------------|--------------------|--------------------|--------------------|
| | | | 13-17 | Johnston Atoll, A.T. | | | F2 5-12 | | 9/12-13/68 | | | | | | | | | |
| | | | WATCH | | | | | | WATCH | | | | | | | | | |
| | | | 1200 TO 1600 | 1600 TO 2000 | 2000 TO 2400 | 2400 TO 0400 | 0400 TO 0800 | 0800 TO 1200 | 1200 TO 1600 | 1600 TO 2000 | 2000 TO 2400 | 2400 TO 0400 | 0400 TO 0800 | 0800 TO 1200 | | | | |
| RUNNING TIME | | | | | | | | | | | | | | | | | | |
| DETENTION TIME | | | | | | | | | | | | | | | | | | |
| REVOLUTION COUNTER (END OF WATCH) | | | | | | | | | | | | | | | | | | |
| TOTAL REVOLUTIONS (FOR WATCH) | | | | | | | | | | | | | | | | | | |
| AVERAGE RPM | | | | | | | | | | | | | | | | | | |
| F.O. METER (END OF WATCH) | | | | | | | | | | | | | | | | | | |
| F.O. CONSUMED | | | | | | | | | | | | | | | | | | |
| PRESSURES | | | THROTTLE | | | | | | | | | | | | | | | |
| | | | H.P. AHEAD | | | | | | | | | | | | | | | |
| | | | L.P. AHEAD | | | | | | | | | | | | | | | |
| | | | VACUUM | | | | | | | | | | | | | | | |
| | | | L.O. TO TURBINES | | | | | | | | | | | | | | | |
| | | | AUX. STEAM | | | | | | | | | | | | | | | |
| | | | BACK PRESSURE | | | | | | | | | | | | | | | |
| | | | GLAND STEAM | | | | | | | | | | | | | | | |
| | | | H.P. BLEEDER | | | | | | | | | | | | | | | |
| | | | I.P. BLEEDER | | | | | | | | | | | | | | | |
| TEMPERATURES | | | L.P. BLEEDER | | | | | | | | | | | | | | | |
| | | | STEAM AT THROTTLE | | | | | | | | | | | | | | | |
| | | | L.P. EXHAUST | | | | | | | | | | | | | | | |
| | | | CONDENSATE | | | | | | | | | | | | | | | |
| | | | CIRC. WATER IN | | | | | | | | | | | | | | | |
| | | | CIRC. WATER OUT | | | | | | | | | | | | | | | |
| | | | L.O. TO COOLERS | | | | | | | | | | | | | | | |
| | | | L.O. FROM COOLERS | | | | | | | | | | | | | | | |
| | | | TEMPERATURE THRUST BEARING | | | | | | | | | | | | | | | |
| | | | FORWARD H.P. ROTOR BEARING | | | | | | | | | | | | | | | |
| GENERATORS | | | | | | | | | | | | | | | | | | |
| WATCH | GENERATOR NUMBER | R.P.M. | STEAM PRESSURE | STEAM TEMP. | L.O. PRESSURE | L.O. TO COOLER | L.O. FROM COOLER | TEMP. OF HOTTEST BEARING | L.O. GOVERNOR PRESSURE | AMPS POSITIVE | AMPS NEGATIVE | VOLTS | FUEL OIL | FUEL - WATER AND LUBE OIL | | | | |
| 1200 TO 1600 | | | | | | | | | | | | | METER AT NOON | ON HAND AT START OF DAY | | | | |
| 1600 TO 2000 | | | | | | | | | | | | | METER PREVIOUS NOON | EVAPORATED OR RECEIVED | | | | |
| 2000 TO 2400 | | | | | | | | | | | | | CONSUMED BY METER | ON HAND | | | | |
| 2400 TO 0400 | | | | | | | | | | | | | ON HAND AT START OF DAY | CONSUMED | | | | |
| 0400 TO 0800 | | | | | | | | | | | | | RECEIVED DURING DAY | ON HAND AT START OF DAY | | | | |
| 0800 TO 1200 | | | | | | | | | | | | | EXPENDED DURING DAY | RECEIVED | | | | |
| | | | | | | | | | | | | | REMAINING ON BOARD | ON HAND | | | | |
| | | | | | | | | | | | | | ON HAND AT START OF DAY | ON HAND | | | | |
| | | | | | | | | | | | | | EVAPORATED OR RECEIVED | CONSUMED | | | | |
| | | | | | | | | | | | | | DOMESTIC WATER | | | | | |
| | | | | | | | | | | | | | ON HAND | | | | | |
| | | | | | | | | | | | | | CONSUMED | | | | | |
| | | | | | | | | | | | | | LOW PRESS. EVAPORATORS (No. of hrs. operated) (Fresh water made gals.) | | | | | |
| | | | | | | | | | | | | | L.O. CENTRIFUGE - HOURS OPERATED | | | | | |
| | | | | | | | | | | | | | 1200 TO 1600 | 1600 TO 2000 | 2000 TO 2400 | 2400 TO 0400 | 0400 TO 0800 | 0800 TO 1200 |
| | | | | | | | | | | | | | | | | | | |
| SUMMARY | | | | | | | | | | | | | | | | | | |
| RUNNING TIME | | | | | | | | PERCENT OF SLIP | | | | | | | | | | |
| DETENTION TIME | | | | | | | | BBL FUEL/MI | | | | | | | | | | |
| TOTAL REVOLUTIONS | | | | | | | | WIND DIRECTION | | | | | | | | | | |
| AVERAGE R.P.M. | | | | | | | | STATE OF SEA | | | | | | | | | | |
| TOTAL MILES BY ENGINE | | | | | | | | STATE OF WEATHER | | | | | | | | | | |
| TOTAL MILES BY OBSERVATION | | | | | | | | | | | | | | | | | | |

REMARKS

1200-1600 WATCH

Plant secured Bilges at safe level

1600-2000 WATCH

Plant secured

WATCH ENGR'S SIGNATURE: *Thos J. Lynch*

2000-2400 WATCH

Plant secured

WATCH ENGR'S SIGNATURE: *Clyde Wilson Jr.*

2400-0400 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE: *Clyde Wilson Jr.*

0400-0800 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE: *I. J. Daigle*

0800-1200 WATCH

Plant secured - Bilges at safe level

WATCH ENGR'S SIGNATURE: *I. J. Daigle** 3 & 4 Aux. Condensers ~~at~~ inspection plates removed for ventilation

Main Condenser insp. plates removed for ventilation.

Forepeak & Afterpeak F.W. Tanks - Access hole covers raised one inch for ventilation

CHIEF ENGINEER

WATCH ENGR'S SIGNATURE: *Thos J. Lynch*

| | |
|-----------------|--|
| BLRS. | |
| PAK. | |
| TALK. | |
| CHL. | |
| PHOS. | |
| P.H. Cond. | |
| P.H. D.C. | |
| CHEMICALS ADDED | |
| ADJ. | |
| G.C. | |
| A.R.C. | |
| STEAMING HOURS | |
| F.S. | |
| W.S. | |

CHIEF ENGR'S SIGNATURE: *Thos J. Lynch Jr.*

USNS GEN John Pope VESSEL NO. 13-A FROM AT HUNTERS Point S.F. TO TYPE OF VESSEL PR-S3-R3 DATE 9/3-14/66

| | WATCH | | | | | | | WATCH | | | | | |
|--------------------------------------|-------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------------------|-----------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| | 1200 TO 1600 | 1600 TO 2000 | 2000 TO 2400 | 2400 TO 0400 | 0400 TO 0800 | 0800 TO 1200 | | 1200 TO 1600 | 1600 TO 2000 | 2000 TO 2400 | 2400 TO 0400 | 0400 TO 0800 | 0800 TO 1200 |
| RUNNING TIME | | | | | | | | | | | | | |
| DETENTION TIME | | | | | | | | | | | | | |
| REVOLUTION COUNTER (END OF WATCH) | | | | | | | | | | | | | |
| TOTAL REVOLUTIONS (FOR WATCH) | | | | | | | | | | | | | |
| AVERAGE RPM | | | | | | | | | | | | | |
| F.O. METER (END OF WATCH) | | | | | | | | | | | | | |
| F.O. CONSUMED | | | | | | | | | | | | | |
| PRESSURES | THROTTLE | | | | | | MACHINERY PARTICULARS (CONT'D) | AFT. H. P. ROTOR BEARING | | | | | |
| | H.P. AHEAD | | | | | | | FORWARD L. P. ROTOR BEARING | | | | | |
| | L.P. AHEAD | | | | | | | AFT. L.P. ROTOR BEARING | | | | | |
| | VACUUM | | | | | | | HOTTEST GEAR BEARING FORWARD | | | | | |
| | L.O. TO TURBINES | | | | | | | HOTTEST GEAR BEARING AFT | | | | | |
| | AUX. STEAM | | | | | | | AUX. COND. CONDENSATE | | | | | |
| | BACK PRESSURE | | | | | | | 1ST STAGE FEED WATER HEATER | | | | | |
| | GLAND STEAM | | | | | | | D. C. FEED WATER HEATER | | | | | |
| | H.P. BLEEDER | | | | | | | 3RD STAGE FEED WATER HEATER | | | | | |
| | I.P. BLEEDER | | | | | | | | | | | | |
| TEMPERATURES | L.P. BLEEDER | | | | | | | | | | | | |
| | STEAM AT THROTTLE | | | | | | BOILER PARTICULARS | F.O. TO BURNERS | | | | | |
| | L.P. EXHAUST | | | | | | | F. O. BACK PRESSURE | | | | | |
| | CONDENSATE | | | | | | | AIR TO FURNACE | | | | | |
| | CIRC. WATER IN | | | | | | | UPTAKE | | | | | |
| | CIRC. WATER OUT | | | | | | | MAIN STEAM | | | | | |
| | L.O. TO COOLERS | | | | | | | SUPER HEAT | | | | | |
| | L.O. FROM COOLERS | | | | | | | F.D. TO BURNERS | | | | | |
| | TEMPERATURE THRUST BEARING | | | | | | | F.O. TEMP. IN SETTLING TANKS | | | | | |
| | FORWARD H.P. ROTOR BEARING | | | | | | | PORT BOILER UPTAKE | | | | | |
| MACHINERY PARTICULARS | | | | | | | | STBD. BOILER UPTAKE | | | | | |
| | | | | | | | MISCELLANEOUS | ENGINE ROOM TEMPERATURE | | | | | |
| | | | | | | | | FIRE ROOM TEMPERATURE | | | | | |
| | | | | | | | | NOZZLES IN USE | | | | | |
| | | | | | | | | NO. OF BURNERS IN USE | | | | | |
| | | | | | | | | BURNER TIP SIZE | | | | | |
| | | | | | | | | CO ₂ % PORT BOILER | | | | | |
| | | | | | | | | CO ₂ % STBD. BOILER | | | | | |
| | | | | | | | | OIL LEVEL MAIN SUMP | | | | | |

REMARKS

1200-1600 WATCH

Plant secured - Bilges at safe level
 VALVES WIRED CLOSED - Aux C.W. SEA SUCTION & SEA CHEST, Aux circ, in & out. Aux's
 CONDENSER 3/4 C.W. INLETS, FIREMAIN & EMERG CROSSOVER TO AUX circ pump. DIESEL oil
 DISCH & FILL, Bilge pump STEAM CHEST, High & Low Main Circ & STEAM CHEST, Main Circ Ovbd.
 BOILER BOTTOM BLOW, M.U.E. BLOWDOWN & CONDENSATE DRAIN, BT EVAP. BLOWDOWN & skin valves,
 INSTALLED ovbd ~~CONDENSATE~~ DRAIN with check valve.

WATCH ENGR'S SIGNATURE- *John P. Lynch*

1600-2000 WATCH

Plant secured.

2000-2400 WATCH

Plant secured

WATCH ENGR'S SIGNATURE- *Clyde Wilson Jr.*

2400-0400 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE- *Clyde Wilson Jr.*

0400-0800 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE- *C. J. Lang*

0800-1200 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE- *C. J. Lang*

CHIEF ENGINEER

| | |
|-----------------|--|
| BORS. | |
| PALK. | |
| TALK. | |
| CHL. | |
| PHOS. | |
| P.H. Cond. | |
| P.H.-D.C. | |
| CHEMICALS ADDED | |
| ADJ. | |
| G.C. | |
| A.R.C | |
| STEAMING HOURS | |
| F.S. | |
| W.S. | |

WATCH ENGR'S SIGNATURE- *C. J. Lang*CHIEF ENGR'S SIGNATURE- *J. J. Glavin Jr.*

USNS *Sequoia* 13-7 *Westerly, R.I.* 1/14-15/65

| | WATCH | | | | | | | WATCH | | | | | | TYPE OF VESSEL | DATE |
|--------------------------------------|-----------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|----------------|------|
| | 1200 TO 1600 | 1600 TO 2000 | 2000 TO 2400 | 2400 TO 0400 | 0400 TO 0800 | 0800 TO 1200 | | 1200 TO 1600 | 1600 TO 2000 | 2000 TO 2400 | 2400 TO 0400 | 0400 TO 0800 | 0800 TO 1200 | | |
| RUNNING TIME | | | | | | | | | | | | | | | |
| DETENTION TIME | | | | | | | | | | | | | | | |
| REVOLUTION COUNTER (END OF WATCH) | | | | | | | | | | | | | | | |
| TOTAL REVOLUTIONS (FOR WATCH) | | | | | | | | | | | | | | | |
| AVERAGE RPM | | | | | | | | | | | | | | | |
| F.O. METER (END OF WATCH) | | | | | | | | | | | | | | | |
| F.O. CONSUMED | | | | | | | | | | | | | | | |
| PRESSURES | THROTTLE | | | | | | | | | | | | | | |
| | H.P. AHEAD | | | | | | | | | | | | | | |
| | L.P. AHEAD | | | | | | | | | | | | | | |
| | VACUUM | | | | | | | | | | | | | | |
| | L.O. TO TURBINES | | | | | | | | | | | | | | |
| | AUX. STEAM | | | | | | | | | | | | | | |
| | BACK PRESSURE | | | | | | | | | | | | | | |
| | GLAND STEAM | | | | | | | | | | | | | | |
| | H.P. BLEEDER | | | | | | | | | | | | | | |
| | I.P. BLEEDER | | | | | | | | | | | | | | |
| TEMPERATURES | L.P. BLEEDER | | | | | | | | | | | | | | |
| | STEAM AT THROTTLE | | | | | | | | | | | | | | |
| | L.P. EXHAUST | | | | | | | | | | | | | | |
| | CONDENSATE | | | | | | | | | | | | | | |
| | CIRC. WATER IN | | | | | | | | | | | | | | |
| | CIRC. WATER OUT | | | | | | | | | | | | | | |
| | L.O. TO COOLERS | | | | | | | | | | | | | | |
| | L.O. FROM COOLERS | | | | | | | | | | | | | | |
| | TEMPERATURE THRUST BEARING | | | | | | | | | | | | | | |
| | FORWARD H.P. ROTOR BEARING | | | | | | | | | | | | | | |
| MACHINERY PARTICULARS | NOZZLES IN USE | | | | | | | | | | | | | | |
| | NO. OF BURNERS IN USE | | | | | | | | | | | | | | |
| | BURNER TIP SIZE | | | | | | | | | | | | | | |
| | CO ₂ % PORT BOILER | | | | | | | | | | | | | | |
| | CO ₂ % STBD. BOILER | | | | | | | | | | | | | | |
| | OIL LEVEL MAIN SUMP | | | | | | | | | | | | | | |
| | ON HAND AT START OF DAY | | | | | | | | | | | | | | |
| | EVAPORATED OR RECEIVED | | | | | | | | | | | | | | |
| | ON HAND | | | | | | | | | | | | | | |
| | CONSUMED | | | | | | | | | | | | | | |

| WATCH | GENERATORS | | | | | | FUEL - WATER AND LUBE OIL | | | | | | FUEL OIL | BOILER WATER | ON HAND AT START OF DAY | | |
|--|---------------------|--------|----------------|-------------|---------------|----------------|---------------------------|----------------------------|---------------------------|------------------|---------------|-------|----------------------------|--------------------|----------------------------|--------------------|--------------------|
| | GENERATOR NUMBER | R.P.M. | STEAM PRESSURE | STEAM TEMP. | L.O. PRESSURE | L.O. TO COOLER | L.O. FROM COOLER | TEMP OF HOTTEST BEARING | L.O. GOVERNOR PRESSURE | AMPS POSITIVE | AMPS NEGATIVE | VOLTS | | | | | |
| 1200 TO 1600 | | | | | | | | | | | | | METER AT NOON | | | | |
| 1600 TO 2000 | | | | | | | | | | | | | METER PREVIOUS NOON | | | | |
| 2000 TO 2400 | | | | | | | | | | | | | CONSUMED BY METER | | | | |
| 2400 TO 0400 | | | | | | | | | | | | | ON HAND AT START OF DAY | | | | |
| 0400 TO 0800 | | | | | | | | | | | | | RECEIVED DURING DAY | | | | |
| 0800 TO 1200 | | | | | | | | | | | | | EXPENDED DURING DAY | | | | |
| | | | | | | | | | | | | | REMAINING ON BOARD | | | | |
| | | | | | | | | | | | | | ON HAND AT START OF DAY | | | | |
| | | | | | | | | | | | | | EVAPORATED OR RECEIVED | | | | |
| | | | | | | | | | | | | | ON HAND | | | | |
| | | | | | | | | | | | | | CONSUMED | | | | |
| DOMESTIC WATER | | | | | | | | | | | | | | | | | |
| LOW PRESS. EVAPORATORS (No. of hrs. operated) (Fresh water made gals.) | | | | | | | | | | | | | | | | | |
| L.O. CENTRIFUGE - HOURS OPERATED | | | | | | | | | | | | | | | | | |
| 1200 TO 1600 | | | | | | | | | | | | | 1200 TO 1600 | 2000 TO 2400 | 2400 TO 0400 | 0400 TO 0800 | 0800 TO 1200 |
| | | | | | | | | | | | | | | | | | |
| SUMMARY | | | | | | | | | | | | | | | | | |
| RUNNING TIME | | | | | | | | | | PERCENT OF SLIP | | | | | | | |
| DETENTION TIME | | | | | | | | | | BBL FUEL/MI | | | | | | | |
| TOTAL REVOLUTIONS | | | | | | | | | | WIND DIRECTION | | | | | | | |
| AVERAGE R.P.M. | | | | | | | | | | STATE OF SEA | | | | | | | |
| TOTAL MILES BY ENGINE | | | | | | | | | | STATE OF WEATHER | | | | | | | |
| TOTAL MILES BY OBSERVATION | | | | | | | | | | | | | | | | | |